



# Parts Manual

Cummins Onan

Performance you rely on.™



## RV Generator Set

KY (Spec A-P)  
KYD (Spec A-C)

## MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below.

\_\_\_\_\_  
MODEL AND SPEC NO.

\_\_\_\_\_  
SERIAL NO.

\_\_\_\_\_  
DIGITAL CONTROL SOFTWARE VERSION  
AND DATE (IF APPLICABLE)

## SAFETY PRECAUTIONS

The following symbols are used in Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of equipment and replacement of parts. Please read and observe.

### **DANGER**

*This symbol warns of immediate hazards which will result in severe personal injury or death.*

### **WARNING**

*This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.*

### **CAUTION**

*This symbol refers to a hazard or unsafe practice which can result in severe personal injury or product or property damage.*

## PRODUCT SAFETY PRECAUTIONS

### **WARNING**

*Service and repair of Onan equipment must be performed by trained, experienced personnel only. Improper service or repair may result in property damage, severe personal injury or death. Do not use this catalog as a guide to servicing your equipment. Read and follow the IMPORTANT SAFETY INSTRUCTIONS in the Service Manual appropriate for the equipment you are working on.*

### **WARNING**

*Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.*

### **WARNING**

*Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!*

### **WARNING**

*Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives or using solvents take all necessary precautions not to ingest, breathe the fumes or contact the liquids. Use adequate ventilation and wear protective gloves, masks and protective clothing!*

## Introduction

This parts manual applies to the KY Recreational Vehicle Sets as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is defined by a reference number corresponding to the same reference number in the parts list. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and left sides are determined by facing the engine end (front) of the set.

Generator Set Data Table					
MODEL AND SPECIFICATION	WATTS	VOLTS	HERTZ	FUEL	Wiring Diagram
3.3KY-FR/11544F	3300	100	50	LPG Vapor	611-1245-03
3.3KY-FR/11544G	3300	100	50	LPG Vapor	611-1264-03
3.3KY-FR/26119B-E	3300	230	50	LPG Vapor	611-1226?
3.3KY-FR/26119F	3300	230	50	LPG Vapor	611-1245-05
3.3KY-FR/26119G-H	3300	230	50	LPG Vapor	611-1264-05
3.3KY-FR/26119J-L	3300	230	50	LPG Vapor	611-1268-05
3.3KYD-3272A-B	3300	230	50	LPG Vapor	611-1268-05
3.6KY-FA/11276A	3600	120	60	LPG Vapor	611-1194
3.6KY-FA/26120B-E	3600	120	60	LPG Vapor	611-1225
3.6KY-FA/26120F	3600	120	60	LPG Vapor	611-1246
3.6KY-FA/26120G-H	3600	120	60	LPG Vapor	611-1265
3.6KY-FA/26120J-M	3600	120	60	LPG Vapor	611-1267
3.6KY-FA/26120P	3600	120	60	LPV Vapor	611-1267
3.6KY-FR/11572G-H	3600	100	50	Gasoline	611-1263-03
3.6KY-FR/11572J-K	3600	100	50	Gasoline	611-1268-03
3.6KY-FR/33742B-E	3600	220	50	Gasoline	611-1212?
3.6KY-FR/33742F-H	3600	230	50	Gasoline	611-1245-05
3.6KY-FR/33742J-K	3600	230	50	Gasoline	611-1268-05
3.6KYD-3270A-B	3600	120	60	LPG Vapor	611-1267
3.6KYD-3271A	3600	230	50	Gasoline	611-1268-05
4.0KY-FA/11320E	4000	120	60	Gasoline	611-1225
4.0KY-FA/11320F	4000	120	60	Gasoline	611-1246
4.0KY-FA/11320G-H	4000	120	60	Gasoline	611-1265
4.0KY-FA/11320J	4000	120	60	Gasoline	611-1267

Continued on next page. -->

\* – The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letter. The specification number denotes customer requested options or deviations from a standard model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.

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Generator Set Data Table					
MODEL AND SPECIFICATION	WATTS	VOLTS	HERTZ	FUEL	Wiring Diagram
4.0KY-FA/11580G-H	4000	120	60	Gasoline	611-1265
4.0KY-FA/11580J-K	4000	120	60	Gasoline	611-1267
4.0KY-FA/26100A	4000	120	60	Gasoline	611-1194
4.0KY-FA/26100B-E	4000	120	60	Gasoline	611-1225
4.0KY-FA/26100F	4000	120	60	Gasoline	611-1246
4.0KY-FA/26100G-H	4000	120	60	Gasoline	611-1265
4.0KY-FA/26100J-L	4000	120	60	Gasoline	611-1267
4.0KY-FA/26100P	4000	120	60	Gasoline	611-1267
4.0KY-FA/6747P	4000	120	60	Gasoline	611-1267
4.0KY-FR/11429E	4000	100	60	Gasoline	611-1268-03
4.0KY-FR/11429F	4000	100	60	Gasoline	611-1255-03
4.0KY-FR/11429G-H	4000	100	60	Gasoline	611-1263-03
4.0KY-FR/11429J-L	4000	100	60	Gasoline	611-1268-03
4.0KY-FR/65697E	4000	100	60	Gasoline	611-1268-04
4.0KY-FR/65697F	4000	100	60	Gasoline	611-1255-04
4.0KY-FR/65697G-H	4000	100	60	Gasoline	611-1263-04
4.0KY-FR/65697J-L	4000	100	60	Gasoline	611-1268-04
4.0KYD-3269A	4000	120	60	Gasoline	611-1267

\* – The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letter. The specification number denotes customer requested options or deviations from a standard model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.



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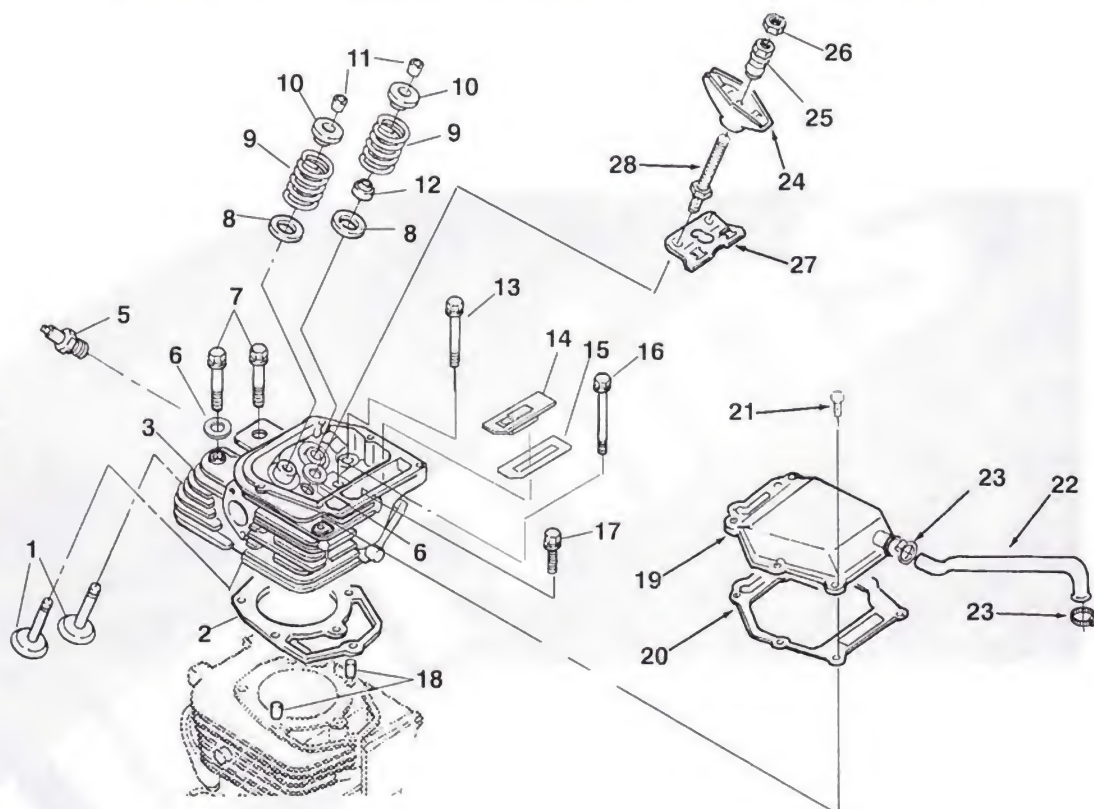
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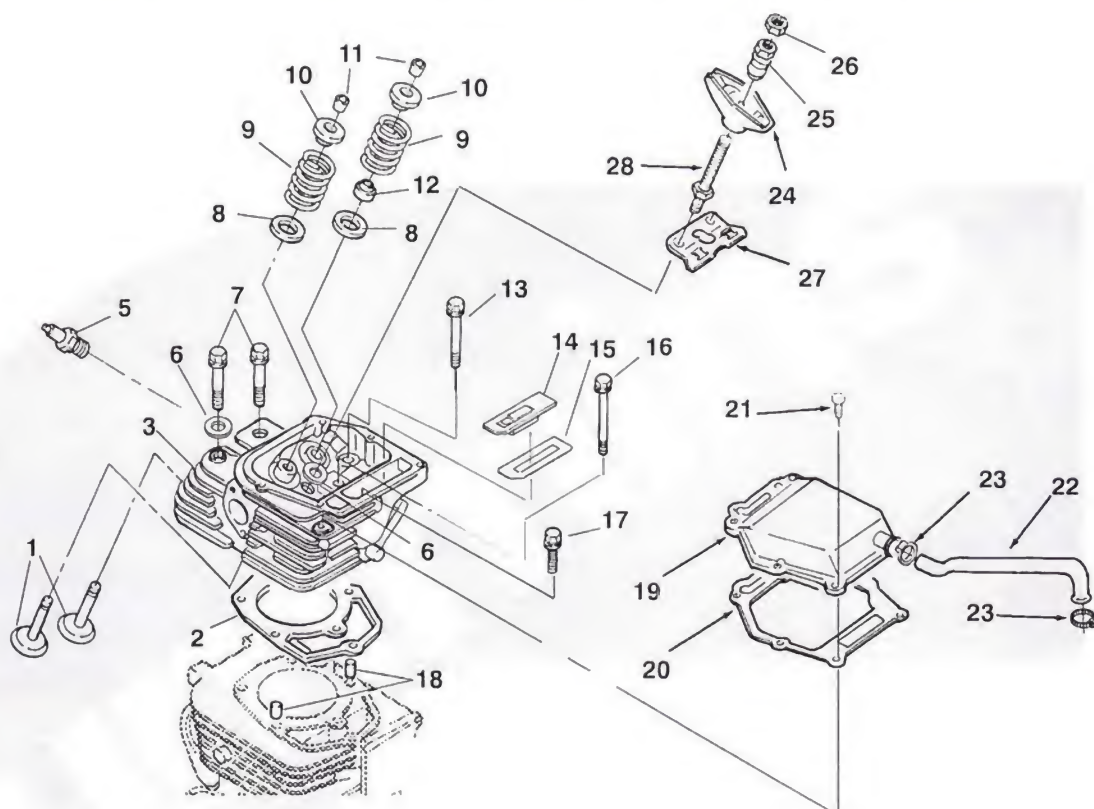
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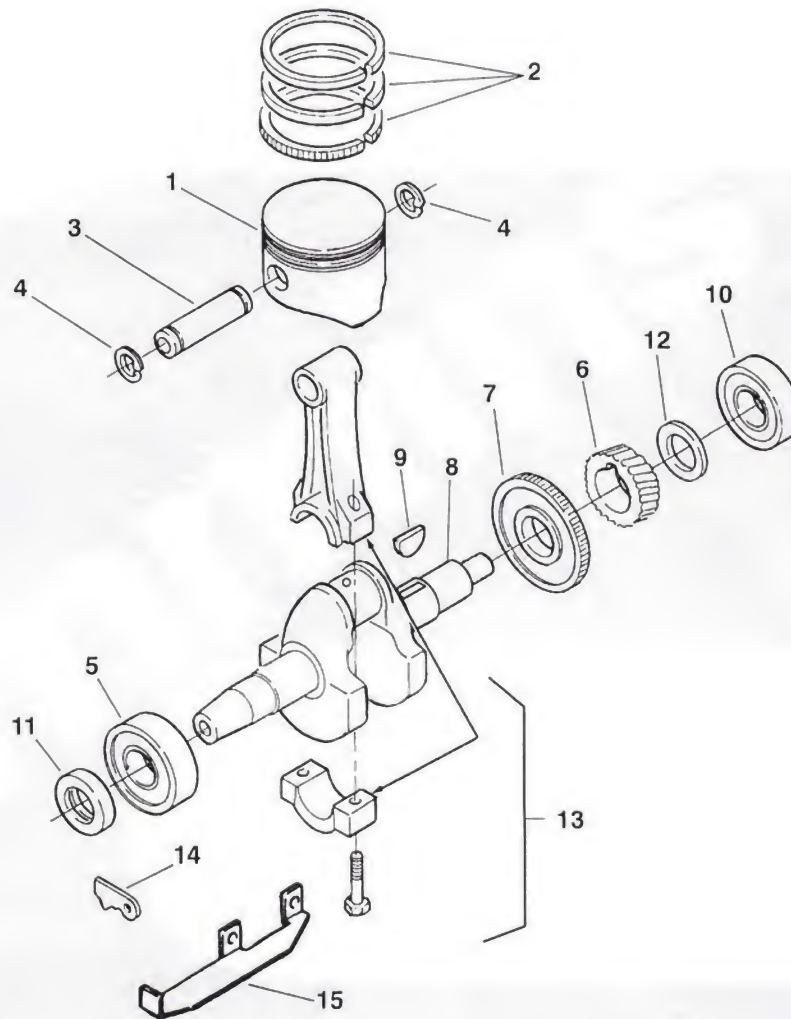
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	100-4152	1	Engine (Spec A-L)	15			Shim, Breather Valve
	110-3887	1	Intake Valve		110-3922-01	1	.010
	110-3888	1	Exhaust Valve		110-3922-02	1	.020
2	110-3893	1	Gasket, Cylinder Head	16	110-3751-00	1	Bolt, Cylinder Head (M8 x 1.25 x 85mm)
3	110-3890	1	Head, Cylinder (Includes Guides, Seats and Valve Guide Rings)	17	110-3751-01	1	Bolt, Cylinder Head (M8 x 1.25 x 48mm)
4	110-3882	2	Rings, Valve Guide (Not Shown)	18	110-3892	2	Pin, Hollow Dowel
5			Plug, Spark	19	110-3743	1	Cover, Valve
	167-0275	1	60Hz	20	110-3861	1	Gasket, Valve Cover
	167-0305	1	50Hz	21	800-3026	7	Screw, Hex Flange Head (M6 x 1 x 25mm)
6	740-1008	2	Washer, Flat (M10)	22	123-1917	1	Tube, Breather
7	110-3750	2	Bolt, Cylinder Head (M10 x 1.25 x 66mm)	23	503-1851	2	Clamp, Hose
8	110-3698	2	Washer, Valve Spring	24	115-0465	2	Arm, Rocker
9	110-3701	2	Spring, Valve	25	185-7144	2	Nut, Rocker Arm Adjusting
10	110-3700	2	Retainer, Valve Spring	26	115-0496	2	Nut, Lock Adjusting
11	110-3914	2	Lock, Valve Spring	27	115-0472	1	Guide, Push Rod
12	509-0289	1	Seal, Valve Stem	28	115-0497	2	Stud, Rocker Arm
13	110-3750-03	2	Bolt, Flange (M10 x 1.5 x 115mm)				
14	123-1920	1	Valve, Breather				

# Cylinder Head (3.3KYFR, 3.6KYFA Begin Spec M) (3.6KYFR, 4.0KY Begin Spec L)



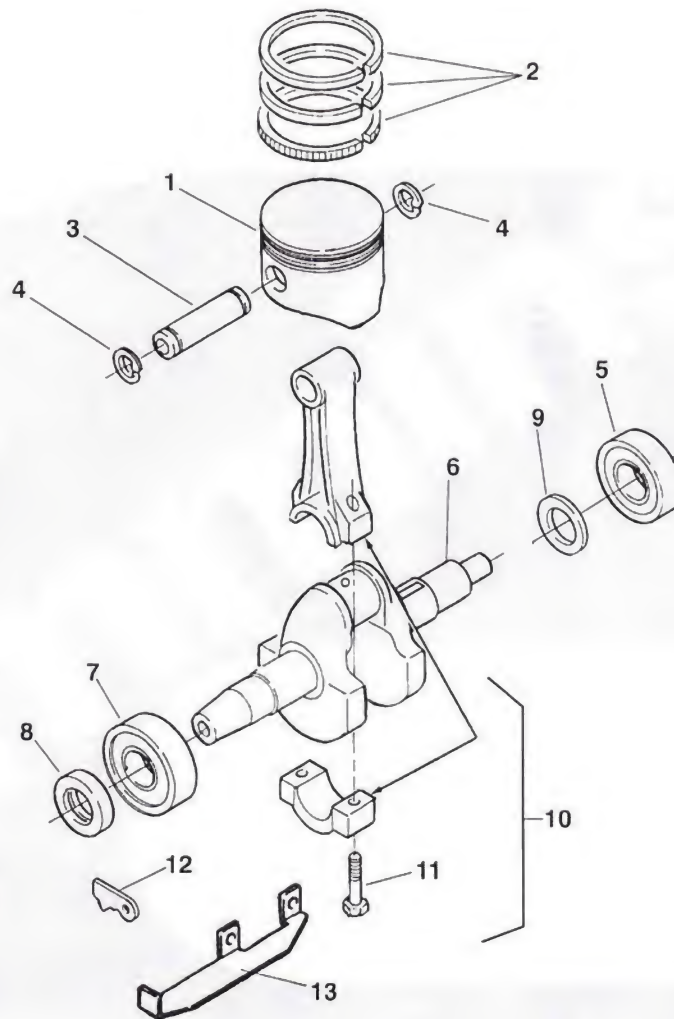
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Engine				
	100-4152	1	Spec L,M		110-3750-03		(M13 x 1.5 x 115mm)
1	110-4035	1	Intake Valve	14	123-1920	1	Valve, Breather
	110-4036	1	Exhaust Valve	15	110-3922-01	1	Shim, Breather Valve .010
2	110-3893	1	Gasket, Cylinder Head		110-3922-02	1	.020
3	110-3890	1	Head, Cylinder (Includes Guides, Seats and Valve Guide Rings)	16	A028X518	1	Bolt, Cylinder Head (M10 x 1.25 x 85mm)
4	110-3882	2	Rings, Valve Guide (Not Shown)	17	A028X508	1	Bolt, Cylinder Head (M10 x 1.25 x 50mm)
5			Plug, Spark	18	110-3892	2	Pin, Hollow Dowel
	167-0275	1	60Hz	19	110-3743	1	Cover, Valve
	167-0305	1	50Hz	20	110-3861	1	Gasket, Valve Cover
6	A028V609	2	Washer, Flat (M10)	21	A028X500	7	Screw, Hex Flange Head (M6 x 1 x 25mm)
7	A028X507	2	Bolt, Cylinder Head	22	123-1917	1	Tube, Breather
8	110-3698	2	Washer, Valve Spring	23	503-1851	2	Clamp, Hose
9	110-3701	2	Spring, Valve	24	115-0465	2	Arm, Rocker
10	110-3700	2	Retainer, Valve Spring	25	185-7144	2	Nut, Rocker Arm Adjusting
11	110-3914	2	Lock, Valve Spring	26	115-0496	2	Nut, Lock Adjusting
12	A028V752	1	Seal, Valve Stem	27	115-0472	1	Guide, Push Rod
13	A028X512	2	Bolt, Flange	28	115-0497	2	Stud, Rocker Arm

## Crankshaft (Spec A-L)



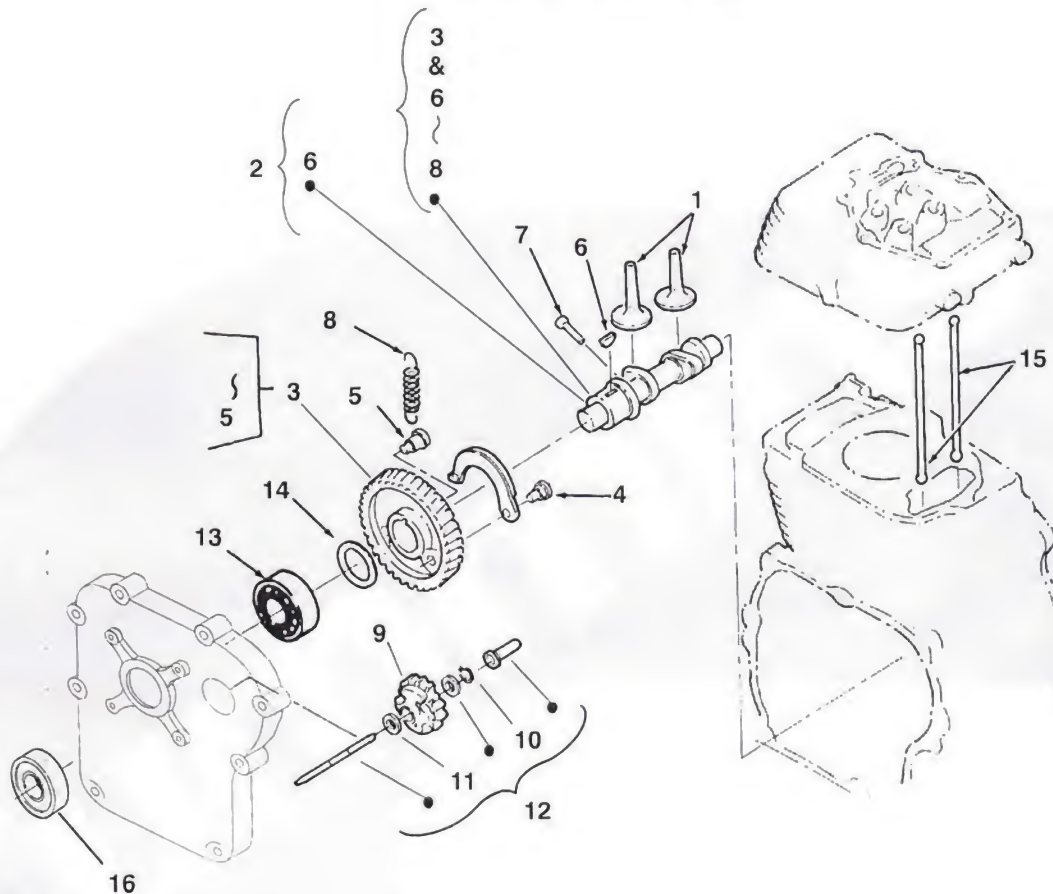
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Piston (Includes Pin & Clip)				
	112-0291	1	Standard		104-1721-01	3	0.20mm
	185-6828	1	0.25 Oversize		104-1721-02	3	0.30mm
	185-6826	1	0.50 Oversize		104-1721-03	3	0.40mm
2	A028X412		Kit, Piston Rings		104-1721-05	3	0.50mm
3	112-0290	1	Pin, Piston		104-1721-07	3	0.60mm
4	112-0255	2	Clip, Piston Pin		104-1721-08	3	0.70mm
5	510-0160	1	Bearing, Block End	13			Rod Assy, Connecting (Includes Bolt)
6	104-1901	1	Gear, Crankshaft		114-0373	1	Standard
7	104-1899	1	Gear, Balancer		No Replacement	1	0.25 Undersize
8	104-1780	1	Crankshaft		No Replacement	1	0.50 Undersize
9	515-0293	1	Key, Woodruff	14	120-1264	1	Plate, Oil Shield
10	510-0182	1	Bearing	15	114-0366	1	Dipper, Oil
11	509-0258	1	Seal, Oil				
12			Shim (Use As Required)				

# Crankshaft (Begin Spec 3.6KY Spec M and 4.0KY Spec L)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	112-0253	1	Piston	9			Shim (Use As Required)
2	A028X412		Kit, Piston Rings	104-1721-01	3		0.20mm
3	112-0290	1	Pin, Piston	104-1721-02	3		0.30mm
4	112-0255	2	Clip, Piston Pin	104-1721-03	3		0.40mm
5	510-0160	1	Bearing, Block End	104-1721-05	3		0.50mm
6	104-2133	1	Crankshaft	104-1721-07	3		0.60mm
7	510-0182	1	Bearing	104-1721-08	3		0.70mm
8	A028V757	1	Seal, Oil	10	A028X316		Kit Rod, Connecting (Includes Cap, Bolt, and Rod)
				11	A028V775	2	Bolt, Connecting Rod
				12	120-1264	1	Plate, Oil Shield
				13	A028X304	1	Dipper, Oil

## Camshaft (Spec A-L)

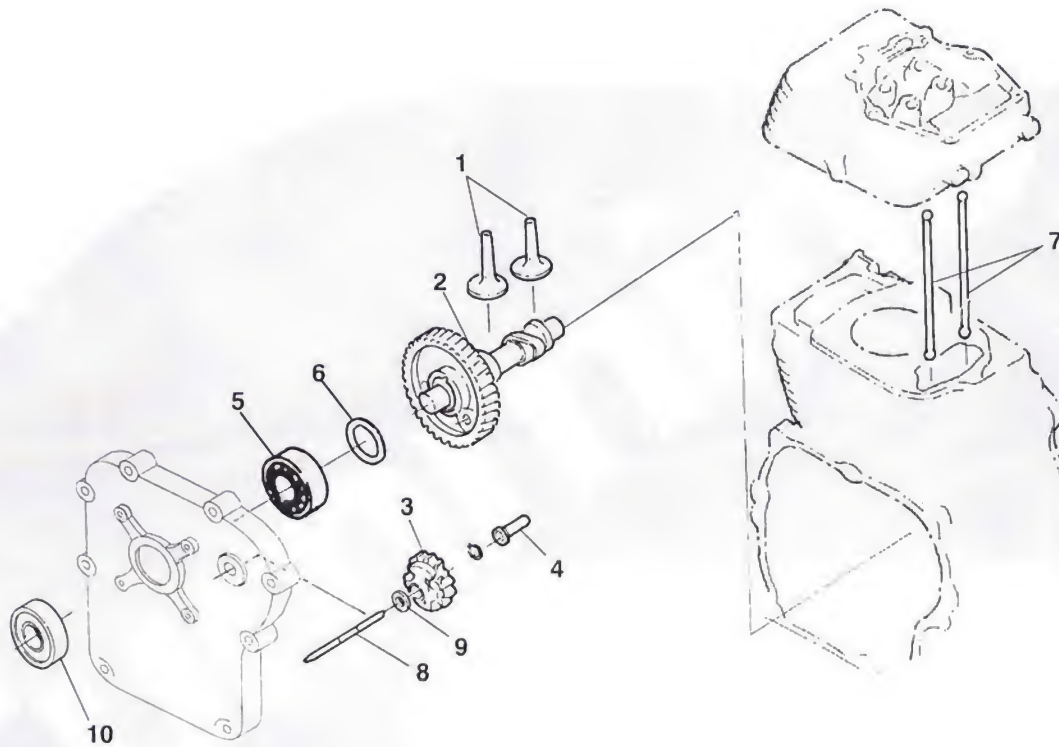


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	115-0463	2	Tappet
2	105-0724	1	Camshaft (Begin Spec E) (Includes Parts Marked °)
3	105-0681	1	+ Gear Assy, Camshaft (Spec A-D) (Includes Flyweight, Flyweight Shaft and Pin)
4	150-2302	1	Shaft, Flyweight
5	150-2305	1	Pin, Decompression Spring
6	515-0305	1	° Key, Woodruff
7	150-2465	1	+ Pin, Decompression
8	150-2466	1	+ Spring, Decompression
9	150-2604	1	Gear, Governor
10	526-2077	1	*Washer, Flat
11	526-2078	1	*Washer, Flat

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	541-0508	1	Sleeve Kit, Governor (Includes Washers Marked *, Governor Stop, Governor Sleeve and Governor Shaft)
13	510-0163	1	Bearing, Ball
14			Shim (Use As Required)
	104-1896-02	3	.60mm
	104-1896-04	3	.80mm
	104-1896-05	3	.90mm
15	115-0471	2	Rod, Push
16	509-0258	1	Seal

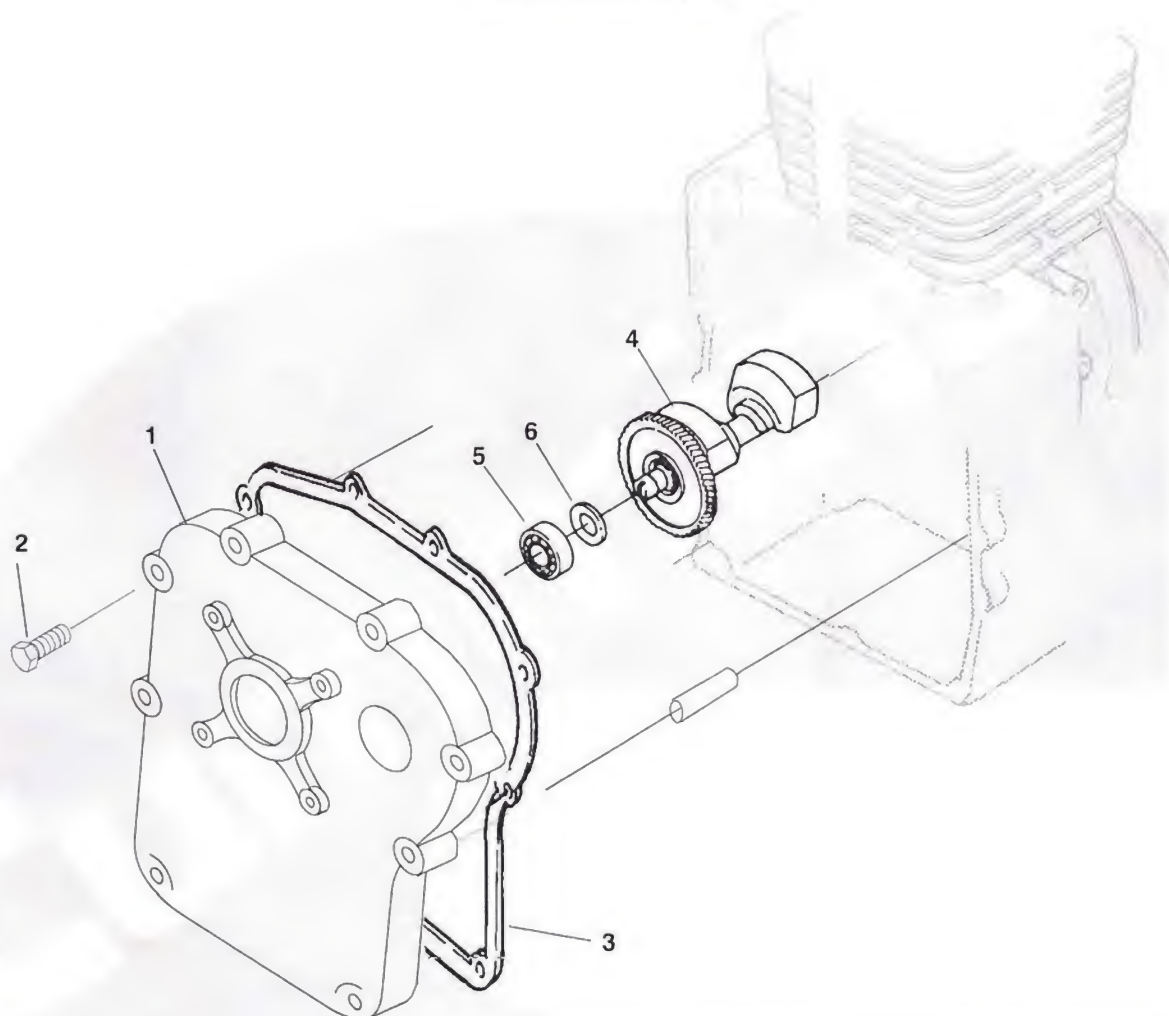
+ - Parts Included in Camshaft Assy (Spec A-D)  
 ° - Parts Included in Camshaft Assy (Begin Spec E)  
 \* - Washers Included in Governor Sleeve Kit.

# Camshaft (Begin Spec 3.6KY Spec M and 4.0KY Spec L)



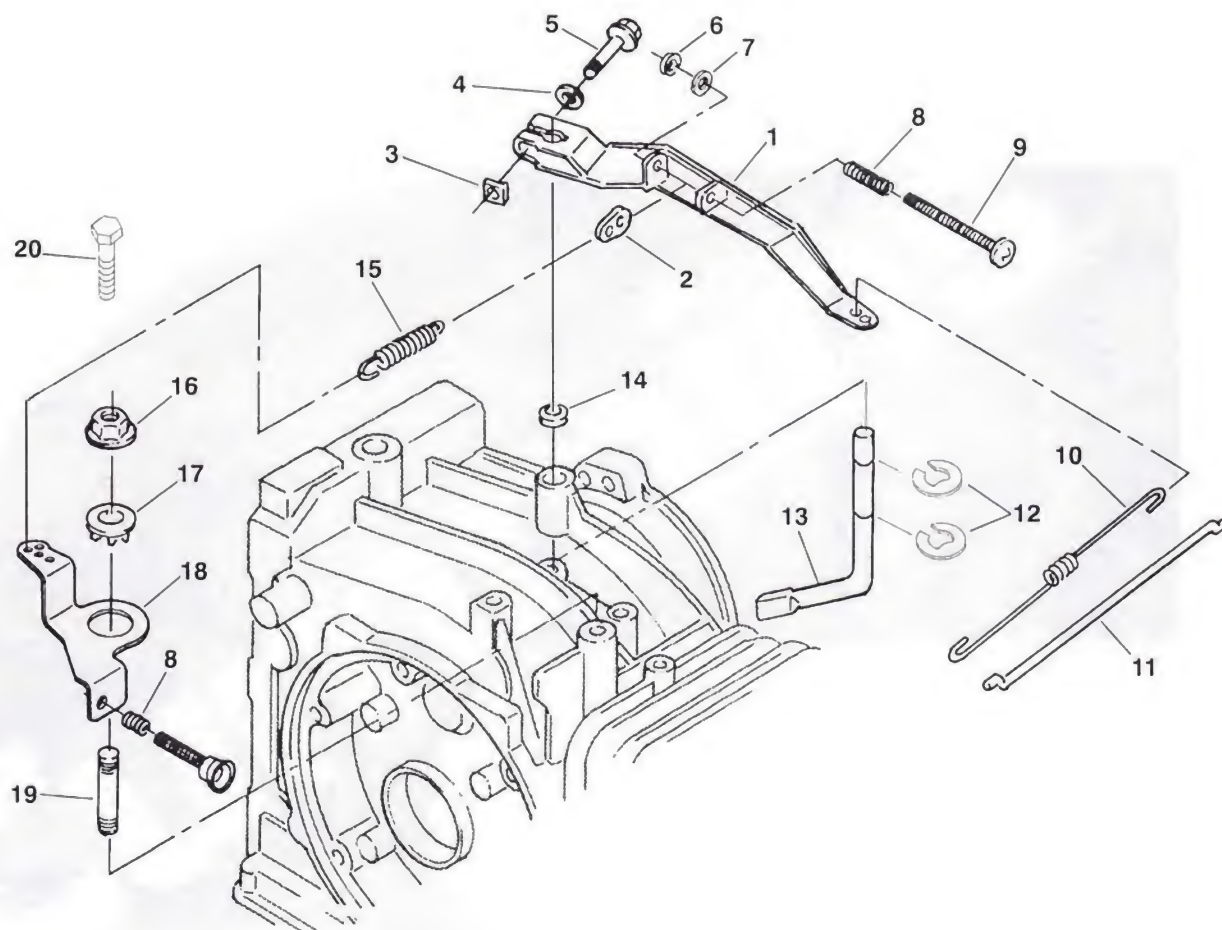
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	115-0542	2	Tappet	9	A028X300	1	Washer, Governor Shaft
2	105-0754	1	Camshaft Assy	10	510-0182	1	Seal
3	150-2604	1	Gear, Governor				
4	150-2754	1	Sleeve, Governor				
5	510-0163	1	Bearing, Balancer Shaft				
6			Shim (Use As Required)				
	104-1896-02	3	.60mm				
	104-1896-04	3	.80mm				
	104-1896-05	3	.90mm				
7	115-0471	2	Rod, Push				
8	150-2273	1	Shaft, Governor				

## Crankcase Cover



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	101-0787	1	Cover, Crankcase	5	510-0163	1	Bearing, Ball
2	A028X528	9	Bolt, Crankcase Cover (M8 x 1.25 x 30mm)	6			Shim, Balancer (Use as Required)
3	101-0788	1	Gasket, Crankcase	104-1896-02	3		0.60mm
4			Shaft, Balancer (Includes Shaft and Gear)	104-1896-04	3		0.80mm
	104-1902	1	Spec A-L	104-1896-05	3		0.90mm
	104-2130	1	Begin Spec M				

## Governor

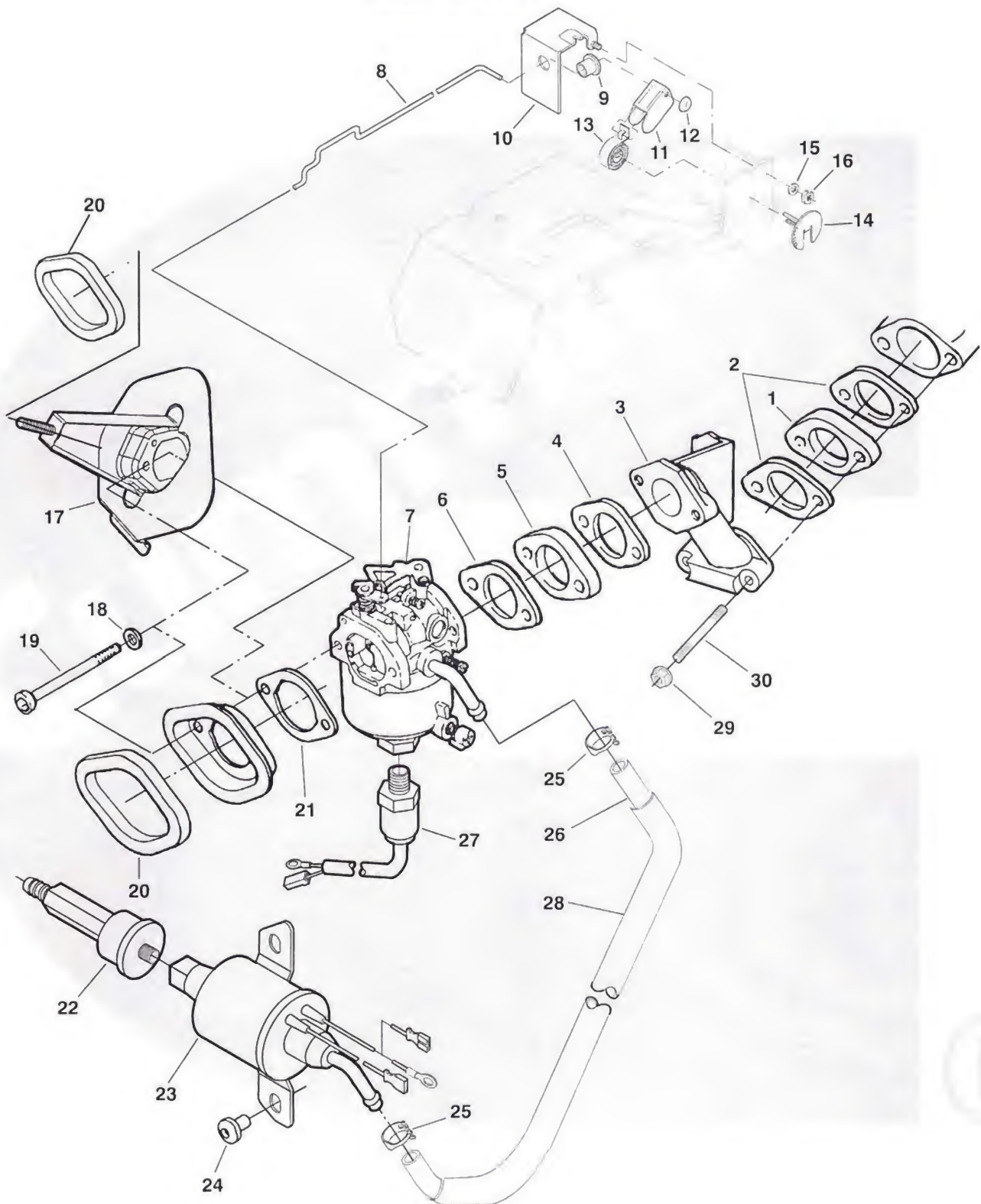


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2393	1	Lever, Governor
2	150-2396	1	Holder, Governor Spring
3	870-0465	1	Nut, Square (M8 x 1.25mm)
4	526-0122	1	Washer, Flat (5/16")
5	718-1039	1	Screw, Hex Head Cap (M8 x 1.25 x 35mm)
6	518-0617	1	Clip, Retainer
7	740-1002	1	Washer, Flat (M5)
8	150-2394	1	Spring, Adjusting Screw
9	150-2395	1	Screw, Special
10	150-2391	1	Spring, Governor Rod
11	150-2392	1	Rod, Governor
12	518-0576	2	Clip, Retainer
13	150-2401	1	Shaft, Governor Lever

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
14	150-2448	1	Seal, Oil
15	150-2390	1	Spring, Governor
16	870-2159	1	Nut, Flanged (M8 x 1.25)
17	150-2398	1	Pivot, Speed Adjusting
18	150-2549-02	1	Lever, Governor Control
19	520-2215	1	Stud, Control Lever Mounting
20	800-6373-03	1	*Bolt, Flange (M8 x 25)

\* - Item 20 may be used as an alternate option for items 16 and 19.

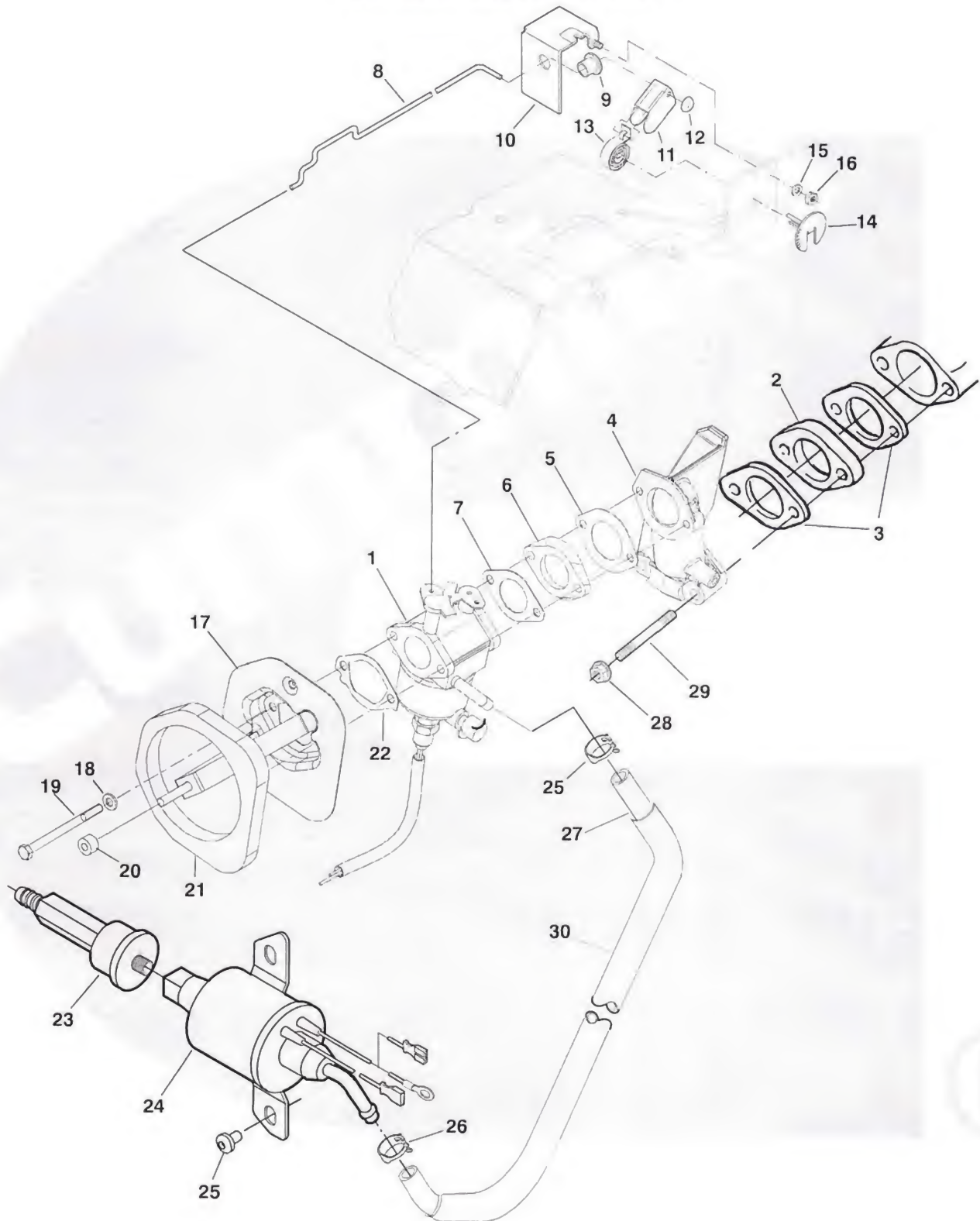
# Carburetor Gasoline (KY Spec A-H)



## Carburetor Gasoline (KY Spec A-H)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0646	1	Kit, (Parts Without Part Numbers are Not Sold Separately) Solenoid (Spec B, C) (For use with Carburetor 146-0743 (Includes Solenoid Valve Assy, Gaskets and Solenoid Holder)	10	153-0638-01	1	Housing, Choke
				11	153-0659	1	Cover, Choke Element
				12	517-0305	1	Cap, Dome
				13	153-0640	1	Element, Choke Thermostat
				14			Cover, Choke
					153-0651-02	1	Spec A-H
				15	526-0003	1	Washer, Flat (3/16")
				16	860-2005	1	Nut, Hex (M4 x .7mm)
				17			Adapter, Air Cleaner
	146-0783	1	+ Kit, Carburetor (Spec B-H)(Contains Parts in 146-0484) (For use with Carburetor 146-0765)(Includes Gaskets Marked, Parts Marked + Float, Float, Pin, Float Valve and Gaskets)		145-0705-02	1	~ Spec D-H
				18	740-1004	2	Washer, Flat (M6)
				19	800-2046	2	Screw, Hex Head Cap (M6 x 1 x 80mm)
				20			Gasket, Carburetor Flange
					145-0617	1	* Spec A
					145-0695	2	~ Spec B-H
	146-0651	1	Kit, Carburetor (Spec A-C) (For use with Carburetors 146-0534 and 146-0743) (Includes Gaskets Marked •, Parts Marked ^, Float, Gaskets, Float Valve, Float Pin and Main Limiter Cap)	21			Gasket, Air Cleaner Adapter
					140-2586	1	*^ Spec A-D
					140-2771-01	1	+~x Spec E-H
				22	149-2457	1	Filter, Fuel
				23	149-2311-01	1	Pump, Fuel (Electric) (E2) (Spade Terminal)
	146-0759	1	Kit, Spec A (Includes Gaskets Marked •, Parts Marked * and Carburetor 146-0534) Spec B-C	24	823-1002-03	1	Screw, Pan Head Torx (M6 x 1 x 10mm)
				25	503-1951-09	2	Clamp, Hose (.47")
				26		1	Hose, Fuel
					503-2735	1	Spec B-J (546mm)
	146-0743	1	Kit, Emissions Conversion (Includes Gaskets Marked • and Parts Marked ~) (Converts to Emissions Carburetor 146-0765 introduced for Spec D)	27	146-0646	1	Solenoid, Fuel Cutoff (Spec B-C Non Emissions Only) (E3) (Not Replaceable Spec D-J)
				28	898-1314-05	1	Sleeving, Convuluted
				29	870-2159	2	Nut, Flanged (M8 x 1.25mm)
				30	154-2818	2	Stud
	146-0785	1	xKit, Spec D-H, (Includes Carb 146-0803 and Parts Marked x)				
1	146-0530	1	Insulator	• -			Gaskets Included with Carburetors and Repair Kits.
2	154-2821	2	Gasket, Intake Manifold	◇ -			Carburetor Part Numbers are embossed on the Carburetor.
3	154-2815-02	1	Manifold, Intake	* -			Parts Included with Carburetor (Spec A)
4	146-0531	1	+x•Gasket, Manifold Insulator	~ -			Parts Included with Emissions Carburetor Conversion Kit
5	146-0532	1	+ Insulator				(Spec B-C)
6	146-0533	1	+x•Gasket, Carburetor	^ -			Parts Included with Carburetor Repair Kit (Spec A-C)
7			◇ Carburetor (Carburetor only)	+ -			Parts Included in Carburetor Repair Kit (Begin Spec B and
	146-0534	1	Spec A				During Spec J)
	146-0743	1	Spec B-C	▷ -			Parts Included with Carburetor (During Spec J)
	146-0765	1	Spec D-H				
8	153-0639	1	Linkage, Choke				
9	232-3720	1	Bearing, Flange				

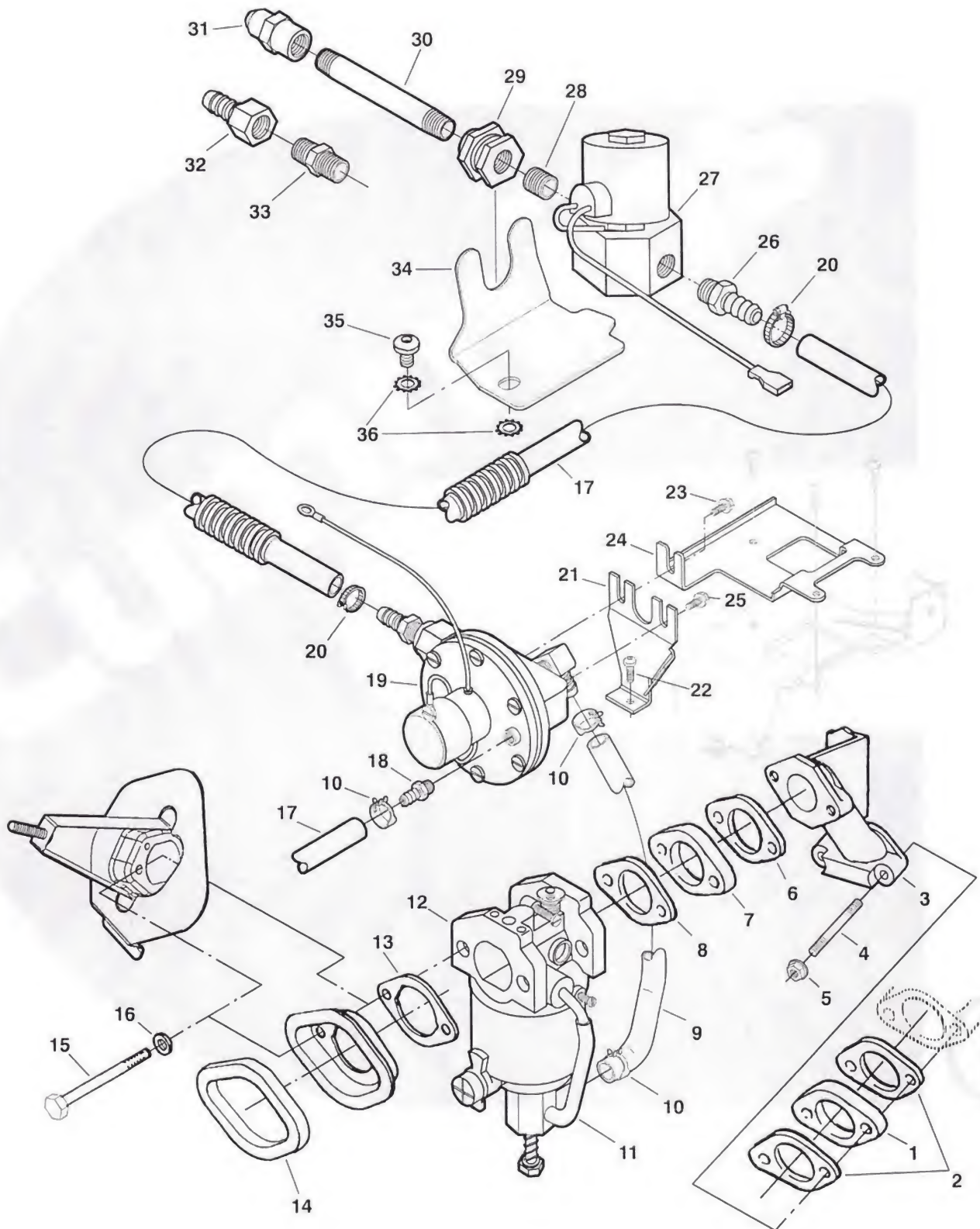
Carburetor, Gasoline  
(KY Begin Spec J and KYD)



# **Carburetor, Gasoline (KY Begin Spec J and KYD)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	A042P619	1	Kit, Carburetor (Non-Evap) (w/Carburetor A041D736 In cludes Gaskets Marked +, Float, Float Pin, Float Valve Covers Spec A-P)	6	146-0532	1	+Insulator, Carburetor
				7	146-0533	1	+xGasket, Carburetor
				8	153-0639	1	Linkage, Choke
				9	232-3720	1	Bearing, Flange
				10	153-0638-01	1	Housing, Choke
	146-0783	1	Kit, Carburetor (Spec B-H, J thru S/N F120599) (For use with Carburetor 146-0765) (Includes Gaskets Marked , Parts Marked +, Float, Float Pin, Float Valve and Gaskets) Includes 146-0784	11	153-0659	1	Cover, Choke Element
				12	517-0305	1	Cap, Dome
				13	153-0640	1	Element, Choke Thermostat
				14	153-0651-02	1	Cover, Choke (KY Begin Spec and KYD)
				15	526-0003	1	Washer, Flat (3/16")
				16	860-2005	1	Nut, Hex (M4 x .7mm)
	146-0784	1	+ <b>Obsolete</b> Kit Carburetor Pack age, Repair(Includes Float, Float Valve, Float Pin, and Gaskets, Float Chamber)	17	145-0705-02	1	Adapter, Air Cleaner (KY Begin Spec D and KYD)
1			Carburetor Only	18	740-1004	2	Washer, Flat (M6)
	146-0881	1	4KYFA-6747 Spec A-L (Evap)	19	800-2046	2	Screw, Hex Head Cap (M6 x 1 x 80mm)
	146-0803	1	All other KY Spec A-L (Non-Evap)	20	140-2536-06	1	Seal, Air Cleaner Spacer
	A041D744	1	4KYFA-6747 begin Spec M (Evap)	21	145-0695	1	Gasket, Carburetor Flange
	A041D736	1	All other KY begin Spec M (Non-Evap)	22	140-2771-01	1	+xGasket, Air Cleaner Adapter
2	146-0530	1	Insulator, Head	23	149-2457	1	Filter, Fuel
3	154-2821	2	Gasket, Intake Manifold	24	A029F889	1	Pump, Fuel (Electric) (E2) (Ring Terminal)
4	154-2815-02	1	Manifold, Intake	25	823-1002-03	1	Screw, Pan Head Torx (M6 x 1 x 10mm)
5	146-0531	1	+xGasket, Manifold Insulator	26	503-1951-09	2	Clamp, Hose
				27	503-2735	1	Hose, Fuel (546mm)
				28	870-2159	2	Nut, Flanged (M8 x 1.25mm)
				29	154-2818	2	Stud
				30	898-1314-05	1	Sleeving, Convoluted

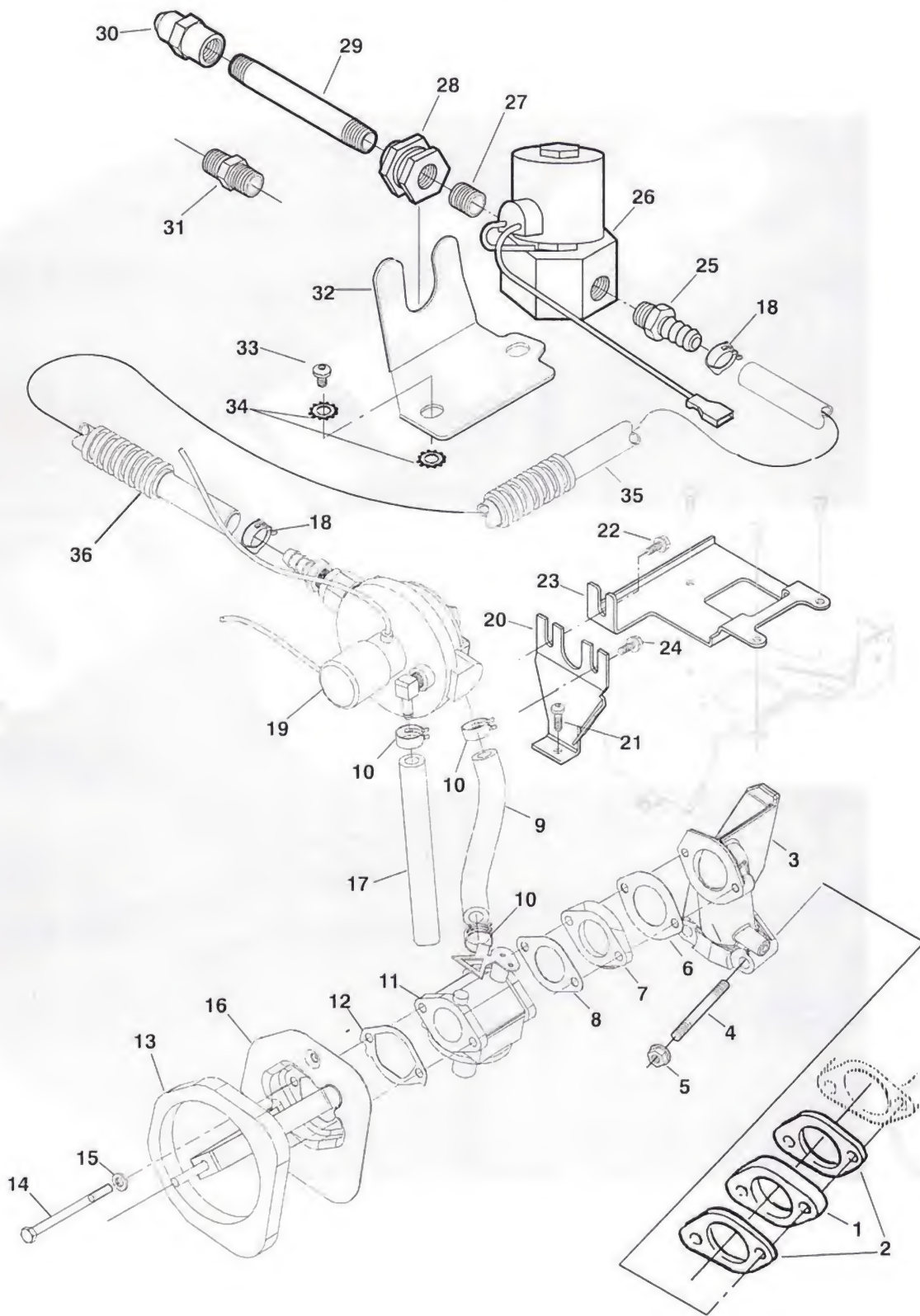
# Fuel System LP (KY Spec A-D)



# Fuel System LP (KY Spec A-D)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	146-0530	1	Insulator, Head	22	823-0003-06	1	Screw, Torx Pan Head Thread Forming (M6 x 12mm)
2	154-2821	2	Gasket, Intake Manifold	23	821-0005	1	Screw, Lock Head Flange (10-32 x 1/2")
3	154-2815-02	1	Manifold, Intake	24	148-0985-02	1	Bracket, Regulator
4	154-2818	2	Stud	25	821-0004	1	Screw, Flange Lock Hex (#10-32 x 5/16")
5	870-2159	2	Nut, Flanged (M8 x 1.25mm)	26	502-1162	1	Fitting, Barbed Hose
6	146-0531	1	Gasket, Manifold Insulator	27			Valve Assy, Fuel (E3)
7	146-0532	1	Insulator		307-2501	1	LP Liquid sets
8	146-0533	1	Gasket, Carburetor		307-3079	1	LP Vapor sets
9	503-2006	1	Hose, Fuel (5.63" Lg) (.375 ID x .75 OD)	28	502-0047	1	Nipple, Close
10	503-1851	3	Clamp, Hose	29	502-1133	1	Coupling, Anchor
11	503-1418	1	Hose, Fuel	30	149-2523	1	Line, Inlet Fuel (KY Begin Spec B)(75 LG x 1/4-18 NPT)
12	146-0722	1	Carburetor Kit, LPG	31	502-1214	1	Connector, Female (1/4-18 NPT) (KY Begin Spec B and Spec 11276A)
13	140-2586	1	Gasket, Air Cleaner Adapter	32	502-1200	1	Fitting, Barbed Hose (Spec A Except Spec 11276A)
14			Gasket, Carburetor Flange	33			Nipple
	145-0617	1	Spec A		505-0071	1	KY Spec 11276A
	145-0695	1	Begin Spec B	34			Bracket, Solenoid
15	800-2046	2	Screw, Hex Head Cap (M6 x 1 x 80mm)		307-2795-02	1	KY Spec A
16	740-1004	2	Washer, Flat (M6)		307-2997-02	1	KY Begin Spec B Obsolete
17	503-2015	2	Hose, Fuel (40") (.38 ID x .69 OD)	35	823-1002-03	1	Screw, Torx Pan Head (M6 x 1 x 10mm)
18	502-0395	1	Connector, Hose (1/8 NPT x 1/4" ID) (Beginning Spec E, Hose Connector Supplied with Regulator)	36	856-0006	2	Washer, EIT Lock Torx (M6)
19	148-1013	1	Regulator (K2)(Includes Inlet Fitting)				
20	503-1851	3	Clamp, Hose				
21	307-2831-02	1	Stiffener, Bracket				

**Fuel System**  
**LP (KY Spec E-K and KYD Spec A)**

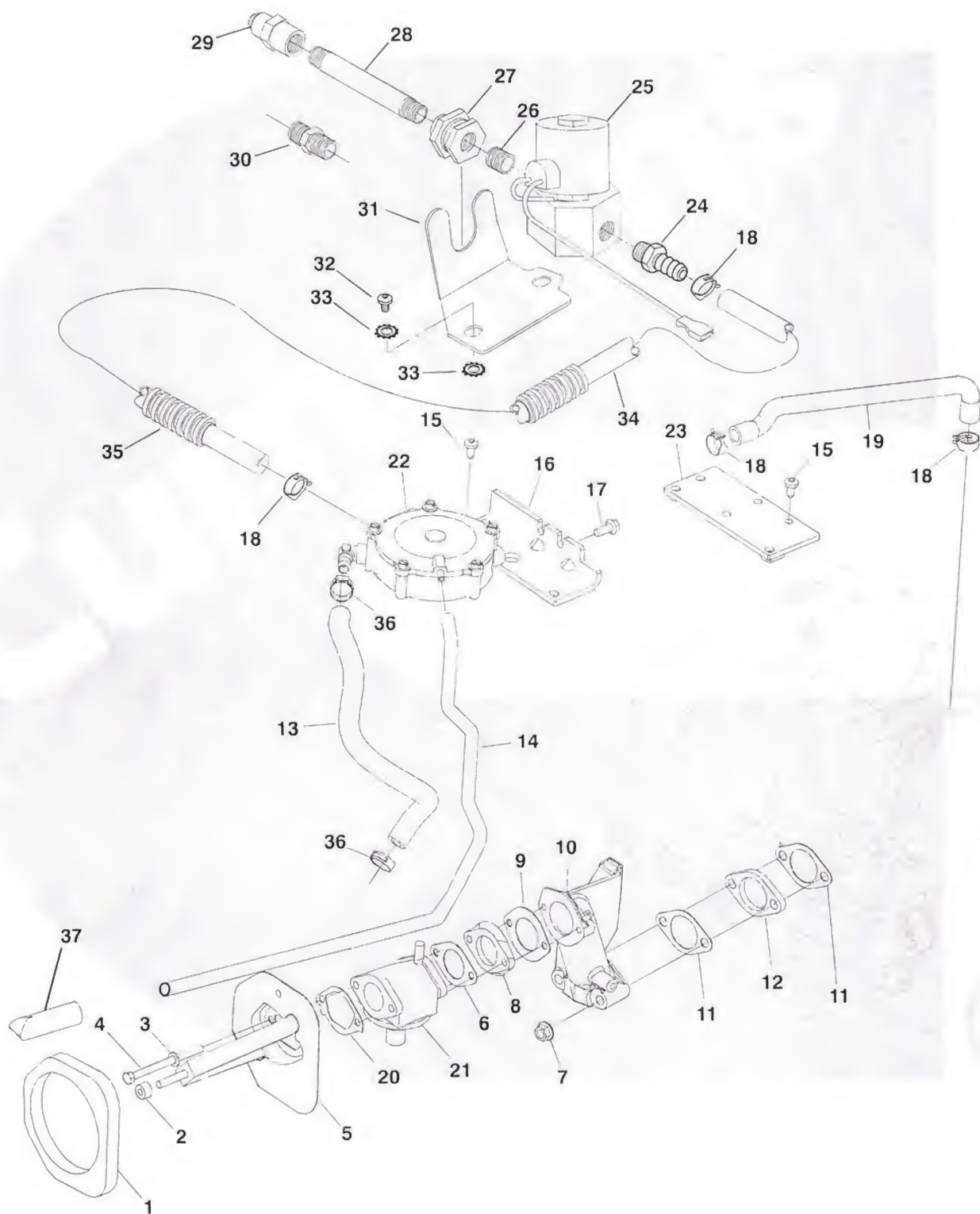


# Fuel System LP (KY Spec E-K and KYD)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0722	1	Kit, Carburetor (Includes Parts Marked +)	22	821-0005	1	(M6 x 12mm) Screw, Lock Head Flange (10-32 x 1/2")
1	146-0530	1	Insulator, Head	23	148-0985-02	1	Bracket, Regulator
2	154-2821	2	Gasket, Intake Manifold	24	821-0004	1	Screw, Flange Lock Hex (#10-32 x 5/16")
3	154-2815-02	1	*Manifold, Intake	25	502-1162	1	Fitting, Barbed Hose
4	154-2818	2	Stud	26	307-3079	1	Valve, Fuel (Shut Off)
5	870-2159	2	Nut, Flanged (M8 x 1.25mm)	27	502-0047	1	Nipple, Close
6	146-0531	1	*+ Gasket, Manifold Insulator	28	502-1133	1	Coupling, Anchor
7	146-0532	1	*Insulator	29	149-2523	1	Line, Inlet Fuel (Begin Spec B) (75 LG x 1/4-18 NPT)
8	146-0533	1	*+ Gasket, Carburetor	30	502-1214	1	Connector, Female (1/4-18 NPT) (Begin Spec B and Spec 11276A)
9	503-2006	1	*Hose, Fuel (5.63" Lg) (.375 ID x .75 OD)	31	505-0071	1	Nipple
10	503-1851	3	*Clamp, Hose	32	307-2997-02	1	Bracket, Solenoid
11	146-0668	1	*+ Carburetor	33	823-1002-03	1	Screw, Torx Pan Head (M6 x 1 x 10mm)
12	140-2771-01	1	*+ Gasket, Air Cleaner Adapter	34	856-0006	2	Washer, EIT Lock Torx (M6)
13	145-0695	1	*Gasket, Carburetor Flange (KY Begin Spec B and KYD)	35	503-2015	1	Hose, LP Fuel
14	800-2046	2	*Screw, Hex Head Cap (M6 x 1 x 80mm)	36	898-1196-24	1	Sleeving, Convolute
15	740-1004	2	*Washer, Flat (M6)				
16	145-0705-02	1	*Adapter, Air Cleaner				
17	503-2015	1	*Hose, Fuel (40") (.38 ID x .69 OD)				
18	503-1851	2	Clamp, Hose				
19	148-1013	1	Regulator (K2)				
20	307-2831-02	1	Stiffener, Bracket				
21	823-0003-06	1	Screw, Torx Pan Head Thread Forming				

\* - Parts Included in Carburetor Assy.

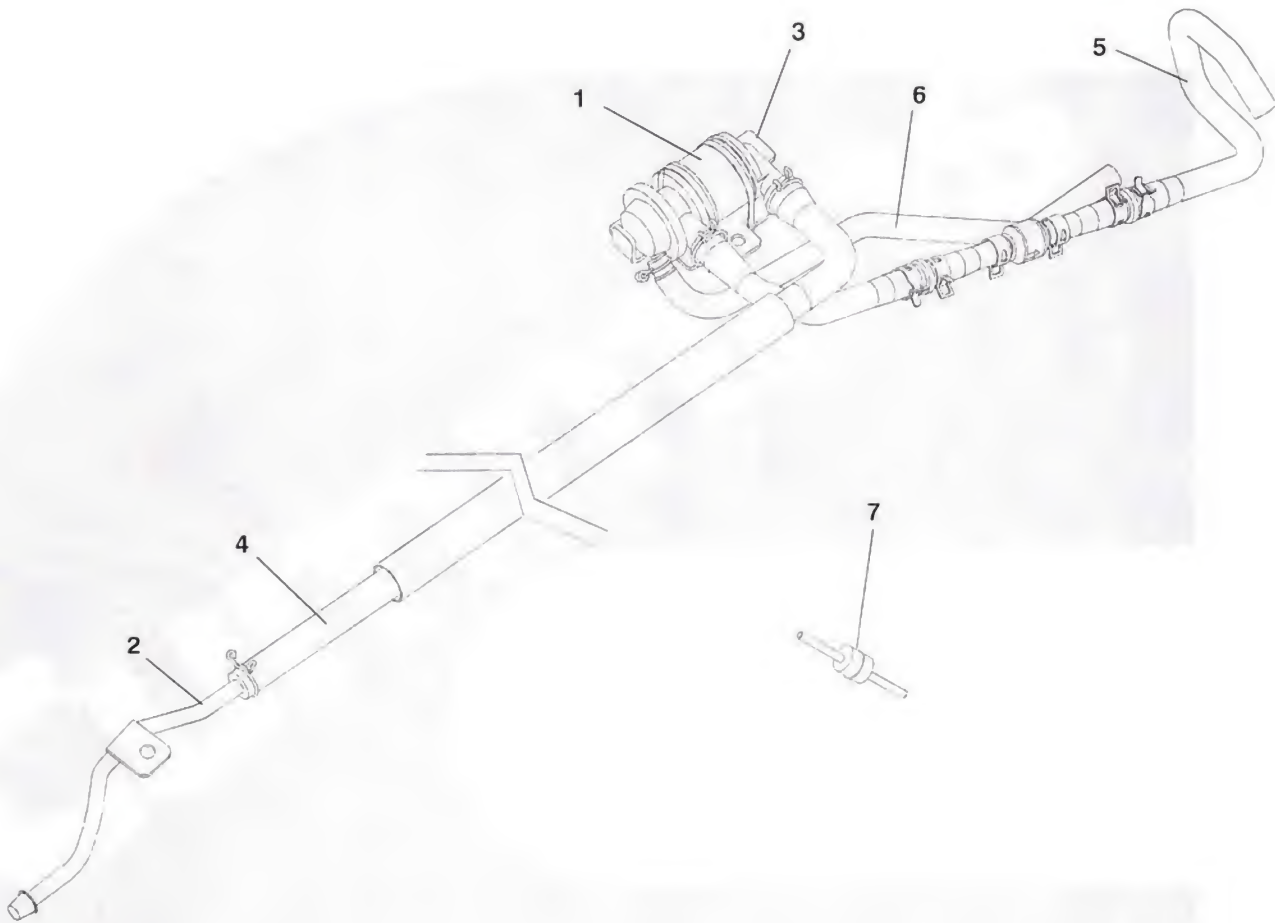
# Fuel System LP (KY Begin Spec L and KYD Spec B)



**Fuel System**  
**LP (KY Begin Spec L and KYD Begin Spec B)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	541-1377	1	Kit Hose, Vent (Includes Hose, Cable Tie and Instructions)	20	140-2771-01	1	Gasket, Air Cleaner
1	145-0695	1	Gasket, Carburetor Flange	21	146-0829	1	Mixer
2	140-2536-06	1	Seal, Air Cleaner Spacer	22	148-1266	1	Regulator, Fuel
3	740-1004	2	Washer, Flat (M6)	23	148-1264-02	1	Bracket, Fuel Regulator
4	800-2046	2	Screw, Hex Head Cap (M6 x 1 x 80mm)	24	502-1162	1	Fitting, Barbed Hose
5	145-0705-02	1	Adapter, Air Cleaner	25	307-3079	1	Valve, Fuel (Shut Off)
6	146-0533	1	Gasket, Carburetor	26	502-0047	1	Nipple, Close
7	870-2159	2	Nut, Locking Flange	27	502-1133	1	Coupling, Anchor
8	146-0532	1	Insulator, Carb	28	149-2523	1	Line, Inlet Fuel (Begin Spec B) (75 LG x 1/4-18 NPT)
9	146-0531	1	Gasket, Insulator	29	502-1214	1	Connector, Female (1/4-18 NPT) (Begin Spec B and Spec 11276A)
10	154-2815-02	1	Elbow, Intake (Machine)	30	505-0071		Nipple
11	154-2821	2	Gasket, Intake Elbow	31	307-2997-02	1	Bracket, Solenoid
12	146-0530	1	Insulator, Head	32	823-1002-03	1	Screw, Torx Pan Head (M6 x 1 x 10mm)
13	503-2143-05	1	Hose, Vapor LPG (.69OD x 11.8")	33	856-0006	2	Washer, EIT Lock Torx (M6)
14	503-2289-06	1	Hose, Vent (.19ID x 22")	34	503-2015	1	Hose, LP Fuel
15	823-0003-02	6	Screw, Pan Head Torx Thread Form (M6 x 1 x 14mm)	35	898-1196-24	1	Sleeving, Convoluted
16	148-1265-02	1	Bracket, Fuel Regulator	36	503-2309	2	Clamp, Hose
17	821-0018	2	Screw, Locking Head (1/4-20 x 5/8")	37	541-1377	1	Kit, Filter (Vent Hose) (Includes Filter, Cable Tie & Instruction Sheet)
18	503-1851	4	Clamp, Hose				
19	123-1917	1	Tube, Breather				

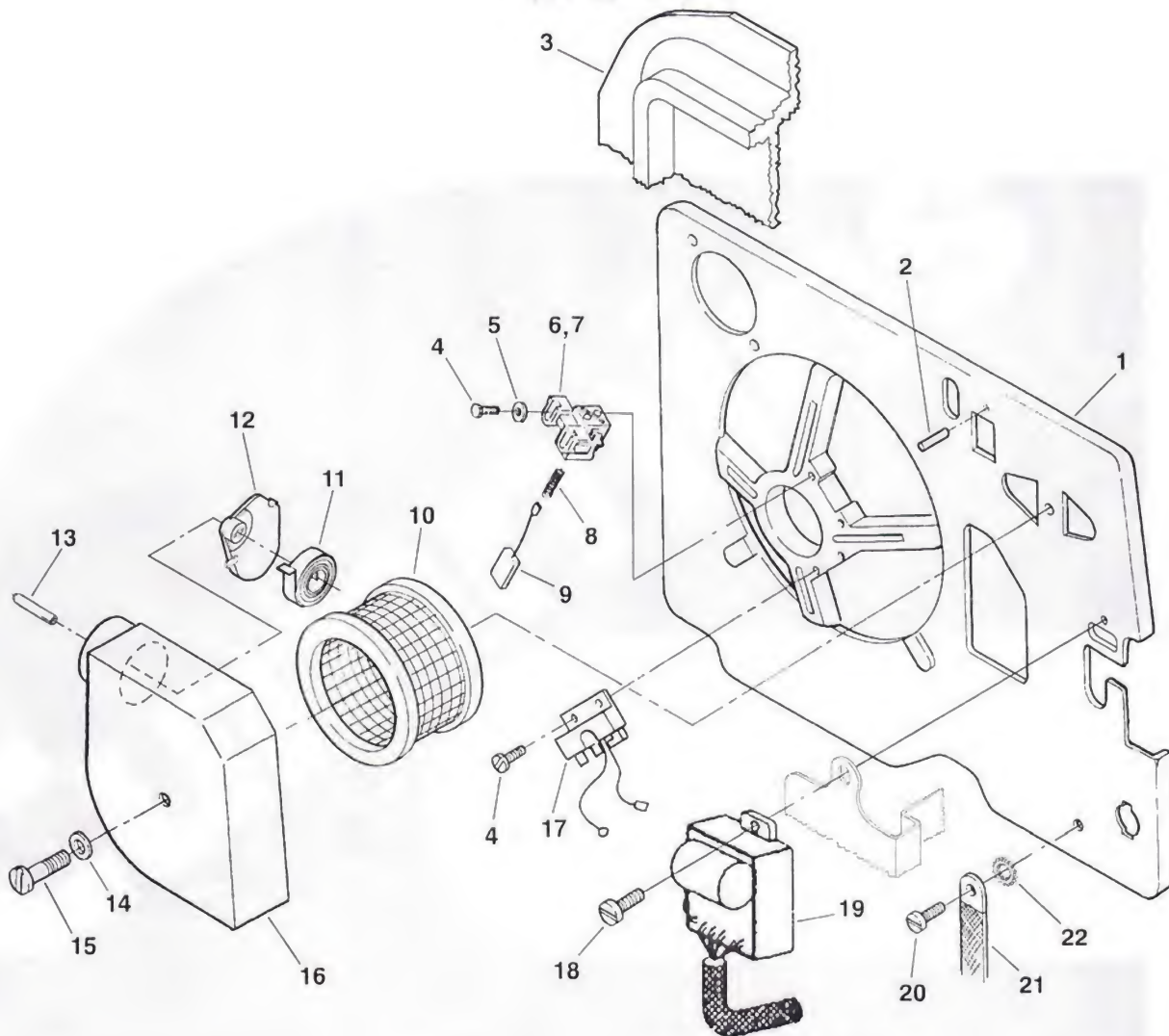
# Fuel System EVAP Gasoline System



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	110-3972	1	Spring, Valve
2	A026N404	1	Tube, Breather
3	148-1341-02	1	Bracket
4	503-2879	1	Hose, Fuel

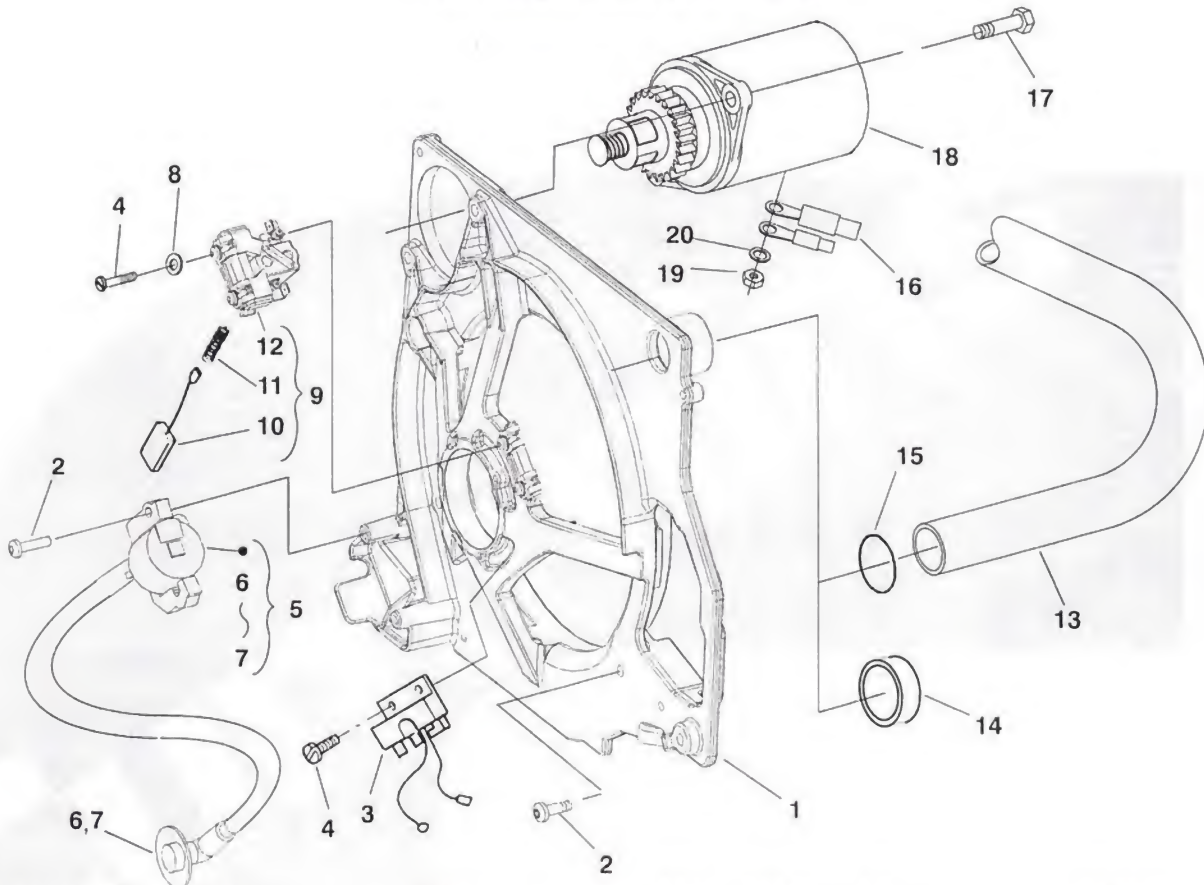
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	503-3069	1	Hose, Fuel
6	503-2878	1	Hose, Fuel
7	123-2397	1	Valve, PCV

Endbell  
(KY Spec A)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	211-0437	1	Endbell, Obsolete	14	526-0018	1	Washer, Flat (1/4)
2	516-0151	1	Pin, Roll	15	800-0017	1	Screw, Hex Head Cap (1/4-20 x 3-1/2")
3	509-0274-02	1	Seal, Endbell	16	140-2576	1	Cover, Air Cleaner
4	823-0002-09	4	Screw, Pan Head Torx (M4 x .7 x 12mm)	17	160-1358-S0	1	Magneto
5	526-0003	2	Washer, Flat (#8)	18	823-0003-04	1	Screw, Torx Pan Head (M6 x 1 x 25mm)
6	212-1283-S0	1	Block Assy, Brush (Includes Brush, Spring and Block)	19			Regulator, Voltage (VR1)
7	212-1282-S0	1	Block, Brush		305-0851	1	60 Hz
8	212-1276-03	2	Spring, Generator Brush		305-0866	1	50 Hz
9	214-0103	2	Brush, Generator	20	823-0007-01	1	Screw, Pan Head (M8 x 1.25 x 20mm)
10	140-2609	1	Element, Air Cleaner	21	337-2312	1	Strap, Bond
11	153-0641	1	Element, Thermostat Preheat	22	856-0008	1	Washer, EIT Lock (5/16")
12	145-0561	1	Cover, Air Filter Thermostat				
13	145-0615	1	Rod, Air Inlet				

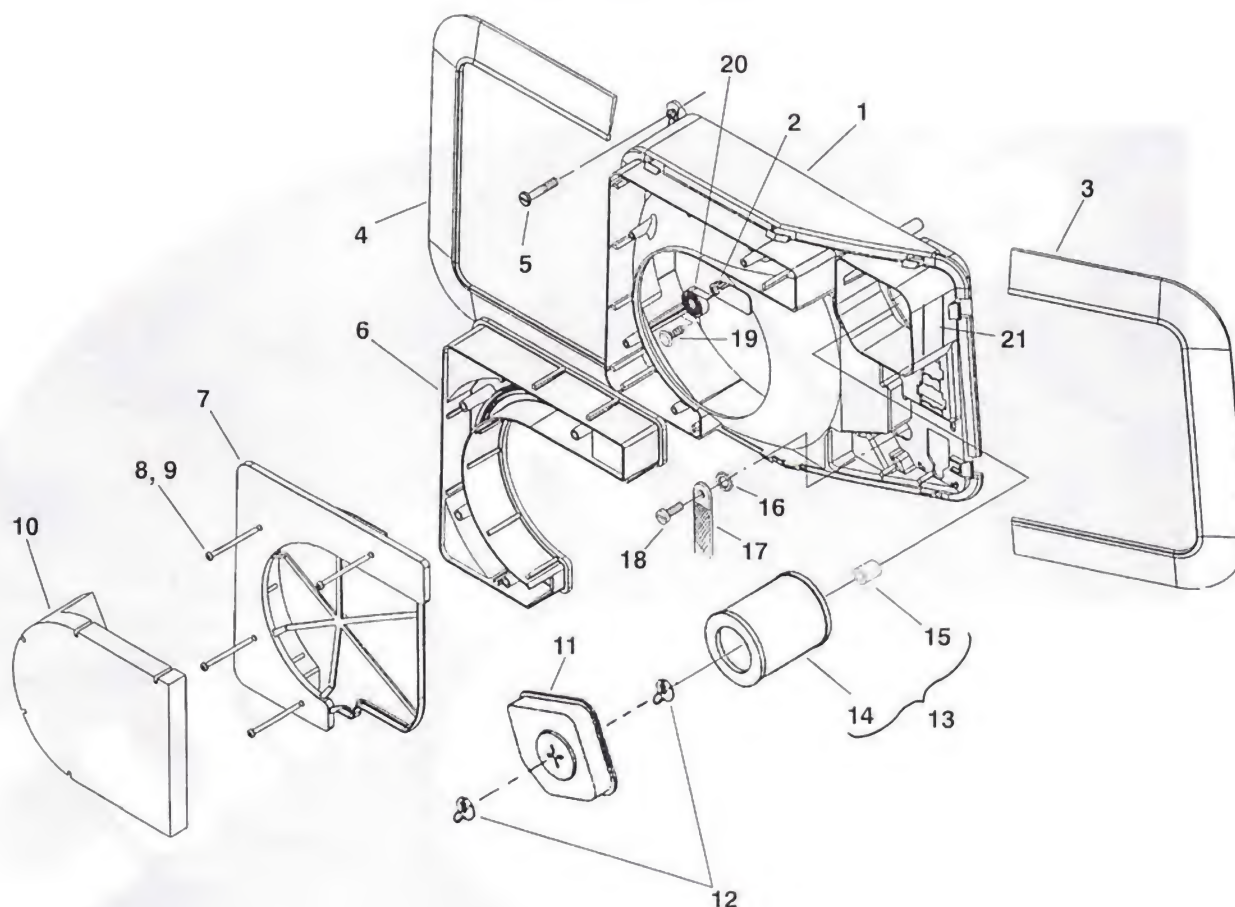
# **Endbell** (KY Begin Spec B and KYD)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	211-0460	1	Endbell	10	214-0103	2	Brush, Spring and Block)
	211-0497-00	1	KY Spec B-H	11	212-1276-03	2	*Brush, Generator
			Gasoline (KY Begin Spec J and KYD) (Includes Parts Marked *)	12	212-1282-S0	1	*Spring, Generator Brush
	211-0497-01	1	LP (KY Begin Spec J and KYD) (Includes Parts Marked *)	13	503-1351	1	*Block, Brush
2			Screw, Pan Head Torx Thread Forming (M6 x 25mm)	14	517-0103	1	+ Hose, Preheat (Gasoline Units) (KY Spec B-H and Part of J)
	823-0003-04	4	KY Spec G-H	15	509-0313	1	Plug (LP Units)
	823-0003-04	6	KY Begin Spec J and KYD	16			+ O'Ring (Gasoline Units) (KY Spec B-H and Part of J)
3	160-1358-S0	1	+ Magneto (G2) (KY Spec B-H and KYD)	17	815-0781	2	Cable, Starter
4			Screw, Pan Head Torx (M4 x .7 x 16mm)	18			KY Spec B-H
	823-0002-09	4	KY Spec B-H		191-2351	1	KY Begin Spec J and KYD
	823-0002-09	2	* KY Begin Spec J and KYD		191-2312	1	Screw, Hex Washer Head Cap (M8 x 1.25 x 30mm)
5	166-0866	1	Coil Ignition (KY Begin Spec J and KYD, Includes Boot and Terminal)				Starter
6	167-0267	1	Terminal, Spark Plug				KY Spec B-J
7	167-1627	1	Boot, Spark Plug				KY Begin Spec K and KYD
8	526-0003	2	*Washer, Flat (3/16")	19	862-0001	1	Nut, Hex
9	212-1283-S0	1	*Block Assy, Brush (Includes	20	850-0040	1	Washer, Lock-Spring (1/4")

\* - Parts Included with Endbell Beginning Spec J.  
+ - Eliminated During Spec J.

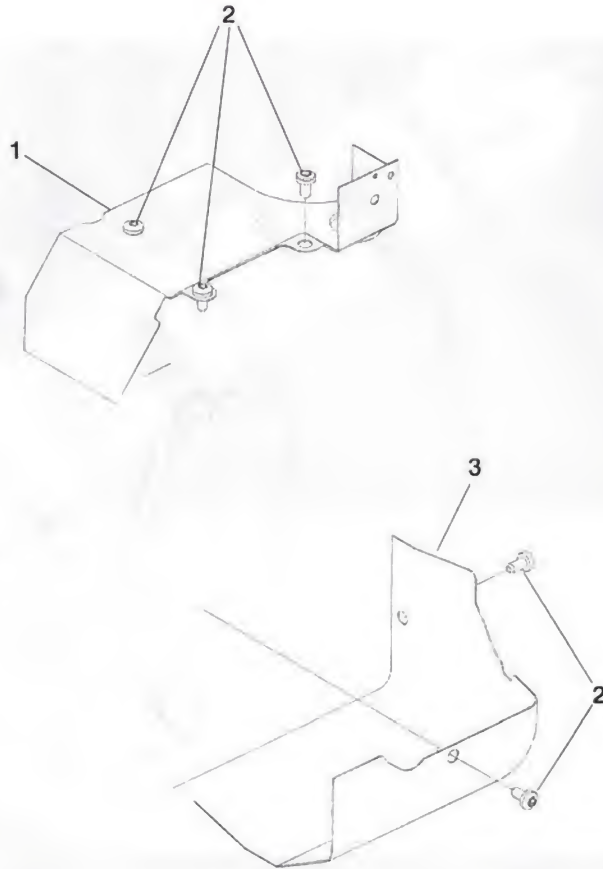
# **Air Housing** (KY Begin Spec B and KYD)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-5029	1	Housing, Air	13	140-3295	1	Kit, Air Filter (Includes Parts Marked *)
	134-5213	1	KY Spec B-H	14	140-3280	1	*Element, Air Cleaner
2	140-2855	1	Door, Preheat (Gasoline Units)	15	140-2536-06	1	*Seal, Air Cleaner Spacer
3	509-0308	1	Seal, Air (Right)	16	856-0008	1	Washer, EIT Lock (5/16")
4	509-0305	1	Seal, Air (Left)	17			Strap, Bond
5	823-0009-01	4	Screw, Torx Pan Head Thread Forming (M6 x 1 x 20mm)		337-2312	1	KY Spec B-H
6	134-5031	1	Resonator, Intake		337-3467	1	KY Begin Spec J and KYD
7	134-5032	1	Cover, Resonator	18	821-0018	1	Screw, Pan Head Thread Forming (M8 x 1.25 x 25mm)
8	815-0838-02	4	Screw, Torx Pan Head Thread Forming	19	518-0649	1	Clip, Push-On (Gasoline Units)
9	526-0012	4	Washer, Flat (5.551D x 19.050 x 8)	20	153-0664	1	Element, Thermostat (Gasoline Units)
10	405-4896	1	Insulation, Inlet Baffle	21	98-6769	1	*Label, Air Cleaner
11	140-2820-01	1	Cover, Air Cleaner				
12	865-0029	2	Nut, Wing				

\* - Parts Included in Air Filter Kit

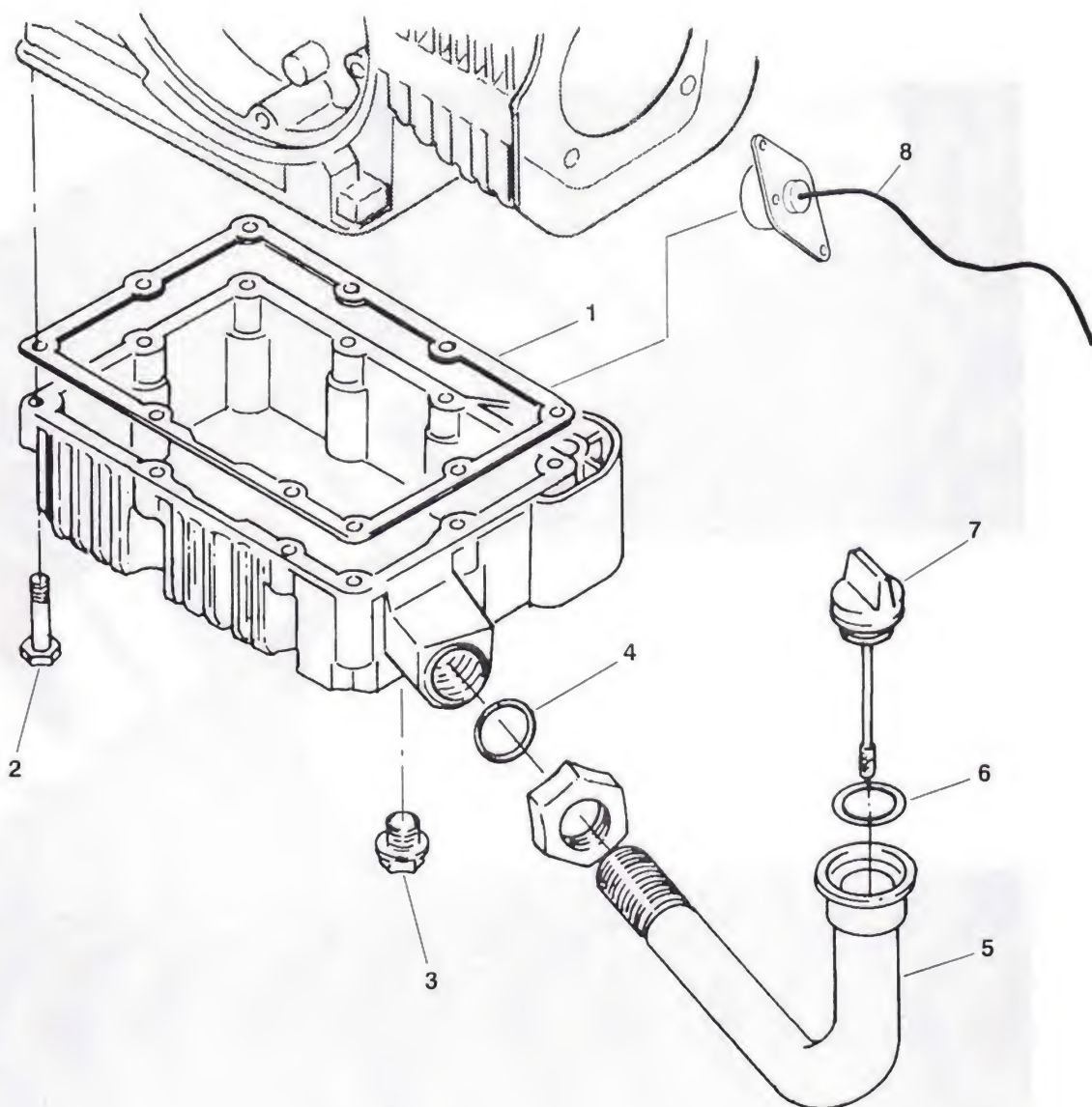
## Air Cylinder



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-4919-01	1	Cover, Air Cylinder
2			Screw, Torx Pan Head Thread Forming (M6 x 1 x 12mm)
	815-0578	5	Gasoline
	815-0578	2	LP
3	134-5119	1	Wrapper, Air Cylinder

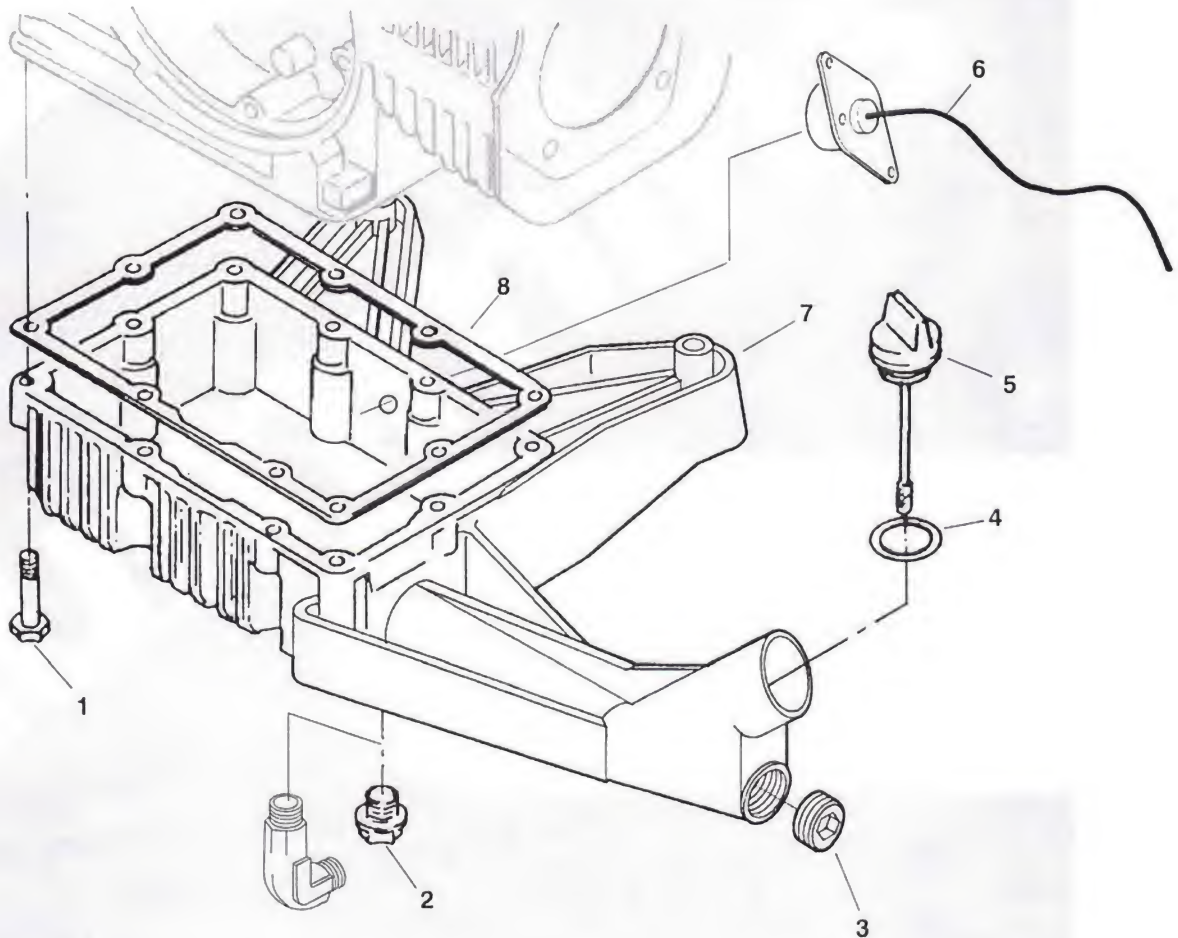


# Oil Base (KY Spec A)



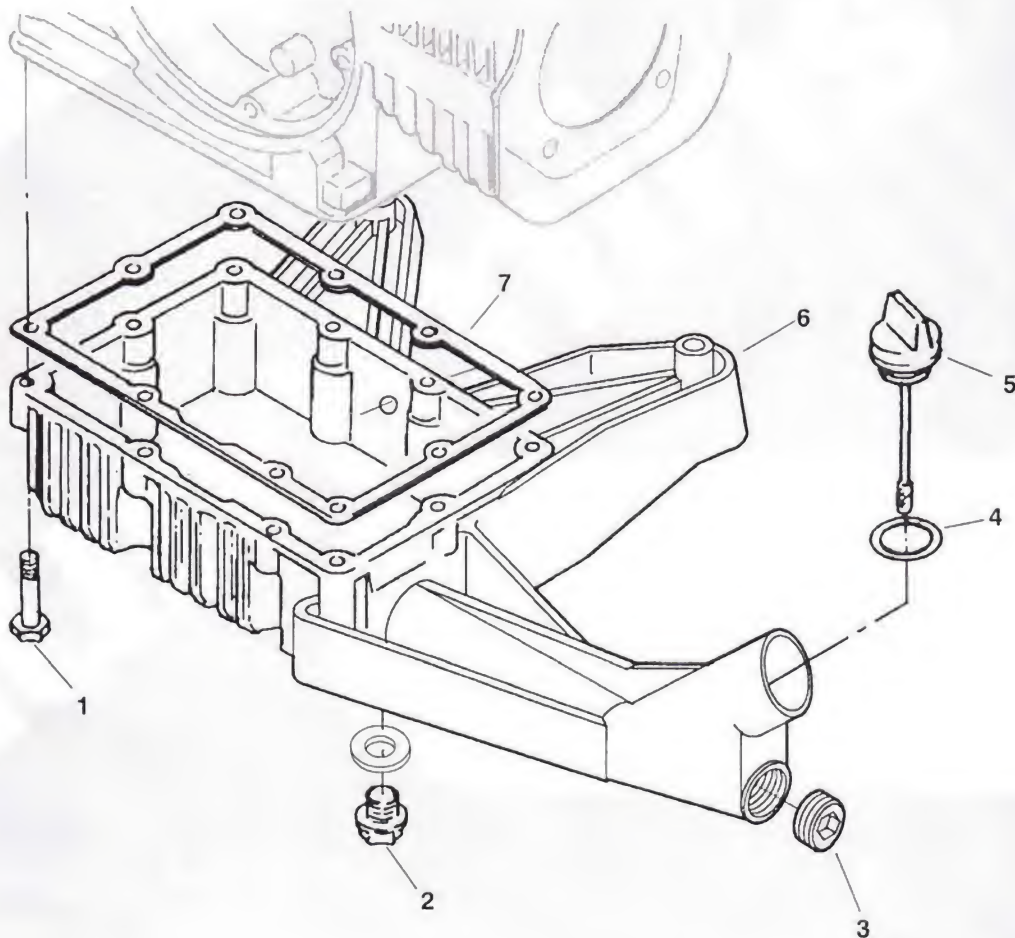
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1412	1	Gasket, Oil Base	5	123-1944-01	1	Tube, Oil Fill
2	815-0829-01	10	Screw, Hex Washer Head (M8 x 1.25 x 35mm)	6	509-0142	1	O'Ring
3	502-0153	1	Plug, Hex Head Drain (1/4")	7	123-1953	1	Indicator, Oil (Includes O'Ring)
4	509-0282-02	1	O'Ring	8	308-1059	1	Switch, Oil Level (S2)

**Oil Base**  
(KY Begin Spec B and KYD)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0829-01	10	Screw, Hex Head Cap (M8 x 1.25 x 35mm)	5	123-2015	1	Indicator, Oil (Includes O'Ring)
2	502-0153	1	Plug, Drain (1/4-14 NPT) (All Specs Except 11320)	6	308-1059	1	Switch, Oil Level (S2) (KY Spec B-F Only)
3	505-1492-02	1	Plug, Drain (3/4-14 NPT)	7	102-1444	1	Base, Oil
4	509-0307	1	O'Ring	8	102-1412	1	Gasket, Oil Base

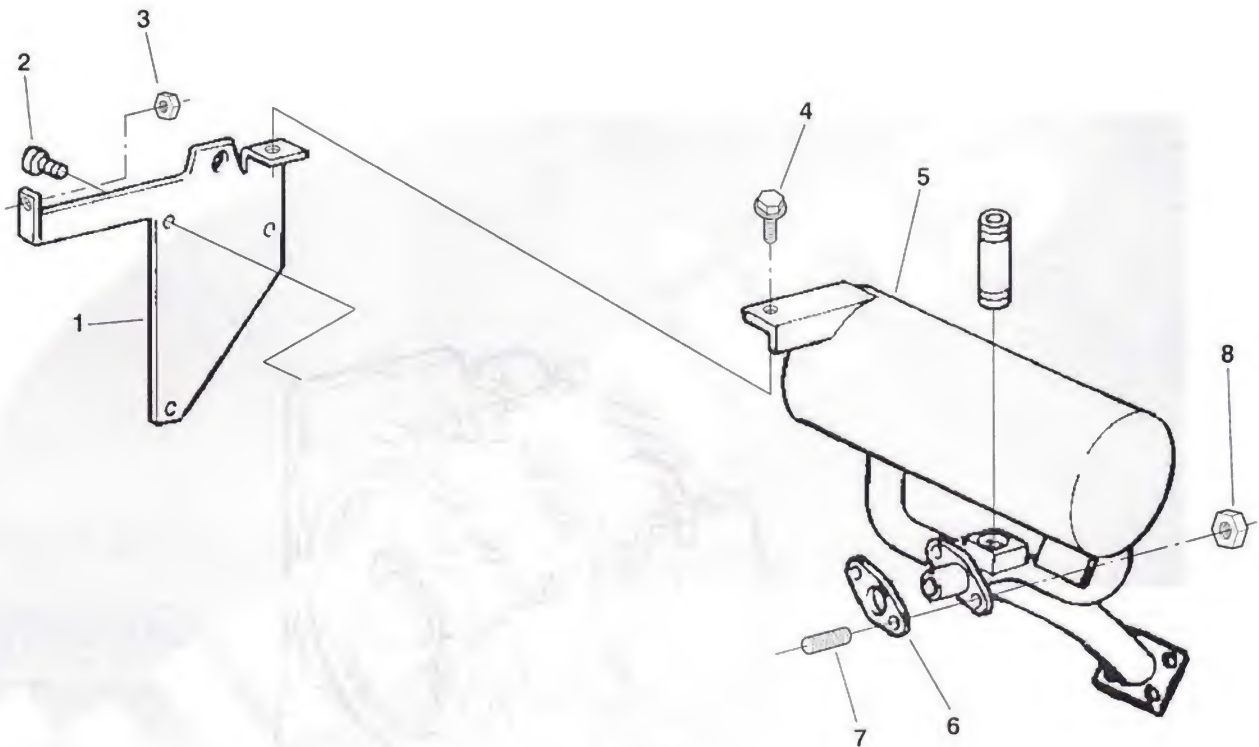
**Oil Base**  
(Begin Spec 3.6KY Spec M and 4.0KY Spec L)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	A028X564	10	Screw, Hex Head Cap (M8 x 1.25 x 35mm)
2	181-0490	1	Washer
3	181-0489	1	Plug, Drain
4	A028V611	1	Plug, Drain (3/4-14 NPT)
5	509-0307	1	O'Ring

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	123-2015	1	Indicator, Oil (Includes O'Ring)
7	102-1444	1	Base, Oil (Begin Spec B)
8	102-1412	1	Gasket, Oil Base

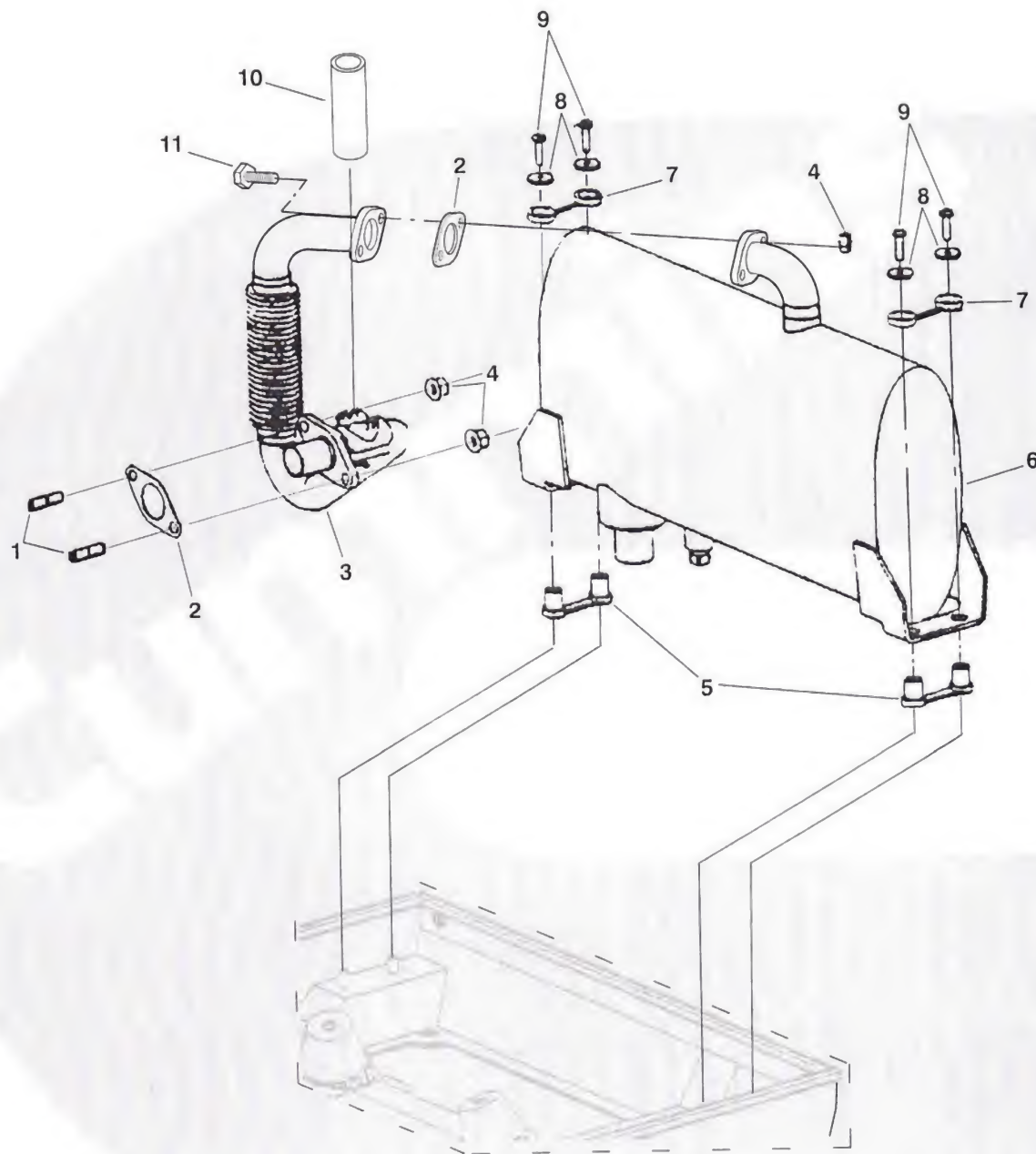
# Exhaust (KY Spec A)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2683-02	1	Bracket, Muffler
2	823-0007-01	2	Screw, Torx Pan Head (M8 x 1.25 x 20mm)
3	870-0236	1	Nut, Hex (#10-32)
4	821-2046	1	Screw, Locking Flange (M8 x 1.25 x 20mm)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	155-2678	1	Muffler
6	154-2816	1	Gasket, Exhaust
7	520-2216	2	Stud, Exhaust
8	870-2055	2	Nut, Locking Flange Hex (M8 1.25)

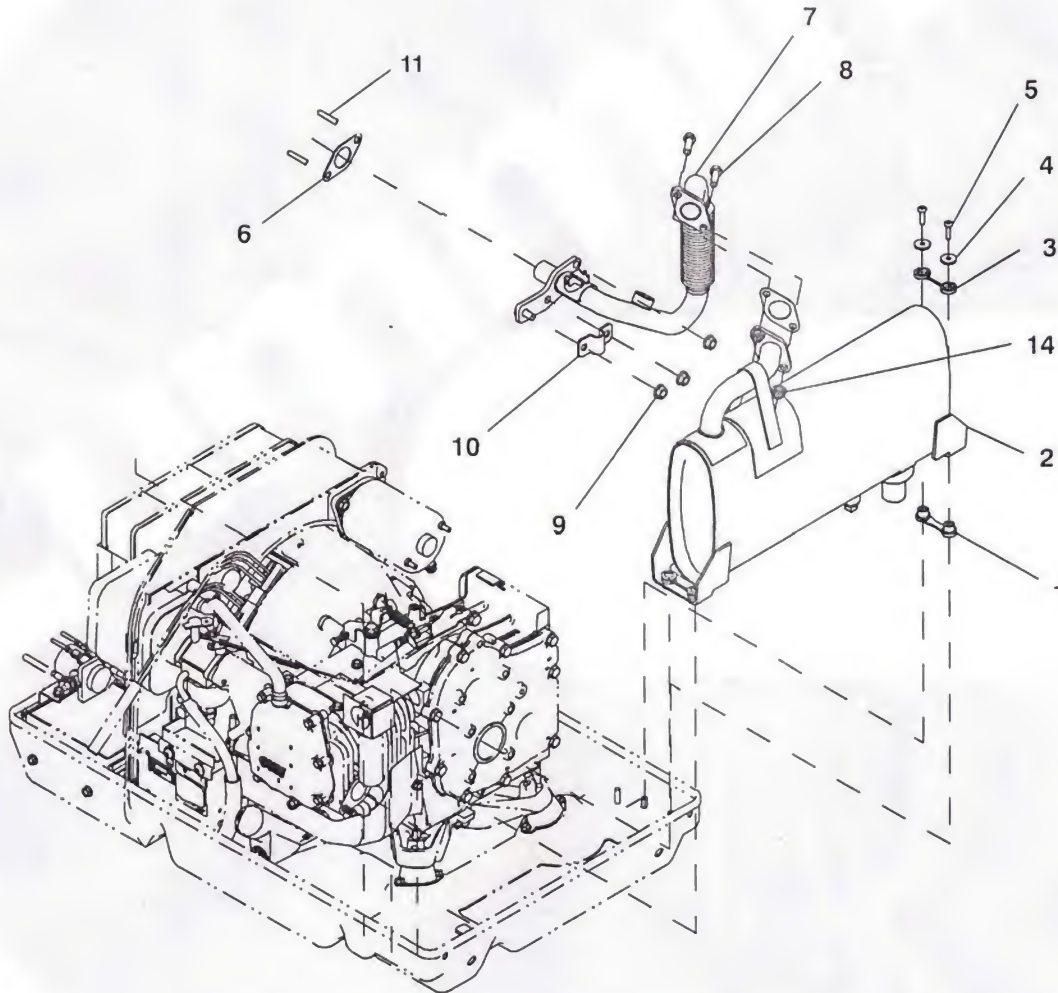
# Exhaust (KY Spec B-N)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Stud, Exhaust
	520-2216	2	KY Spec B-H
	520-2215	2	KY Begin Spec J
2	154-2816	2	Gasket, Exhaust
3	154-2975	1	Manifold, Exhaust (Includes Tube)
4	870-2193-04	4	Nut, Torque Hex (M8)
5	402-0675	2	Isolator, Bottom Muffler

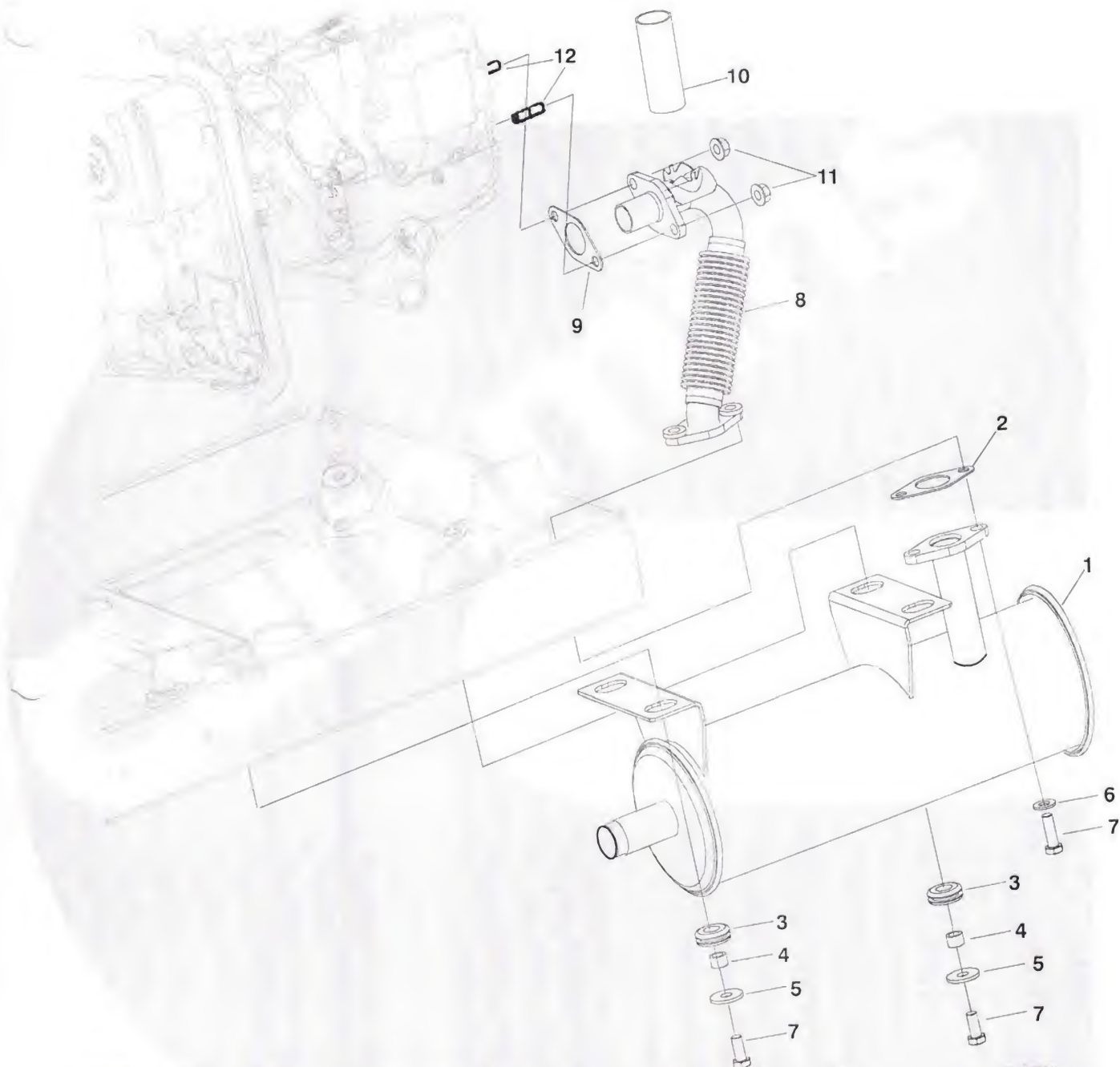
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	155-2783	1	Muffler
7	402-0678	2	Isolator, Top Muffler
8	526-0011	4	Washer, Flat (#10)
9	823-1006-06	4	Screw, Pan Head Machine (M5 x .8 x 20mm)
10	503-1533-03	1	Hose, PreHeat
11	800-2057	2	Screw

Exhaust Installation KY (60Hz)  
 (4KYFA26100 Begin Spec P)  
 (4KYFA6747 Begin Spec P)  
 (3.6KYFA26120 Begin Spec P)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	402-0675	2	Mount, Isolating	7	A034T222	1	Manifold, Exhaust
2	A034F778	1	Silencer, Exhaust	8	800-2058	2	Screw, Hex Head
3	402-0678	2	Isolator, Muffler	9	870-0557	5	Nut, Flange
4	526-0011	4	Washer, Flat	10	A041H375	1	Clamp
5	823-1006-06	4	Screw, Pan Head	11	520-2215	2	Stud, Exhaust
6	154-2816	2	Gasket				

Exhaust  
(KYD)



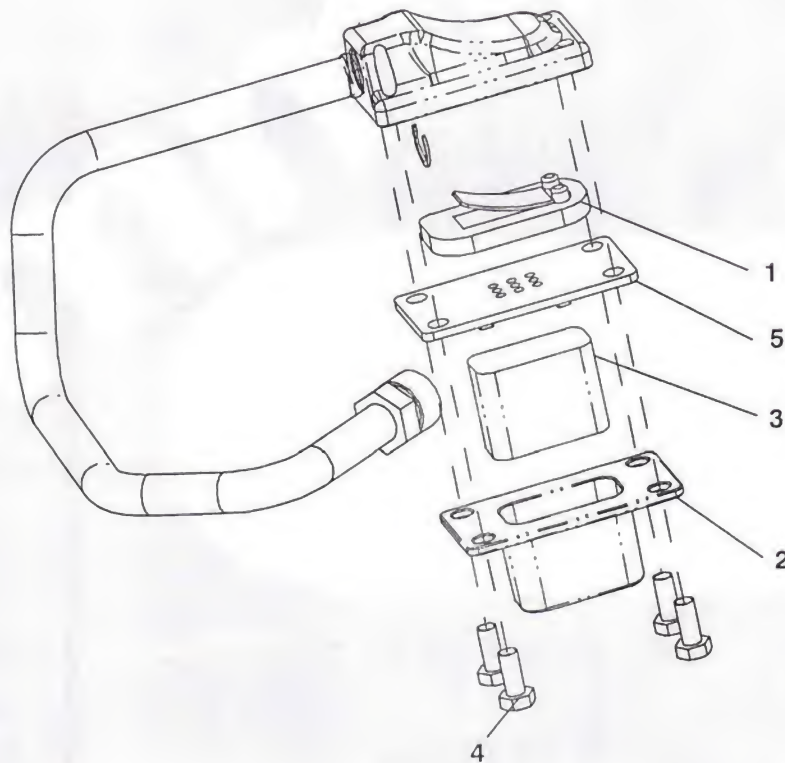
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	541-0916	1	Kit, Muffler (Includes Parts Marked *)
1	155-4046	1	*Muffler
2	154-2816	1	*Gasket, Exhaust Muffler
3	508-1194	4	*Grommet
4	155-4084	4	*Spacer, Muffler (Isolator)
5	526-0113	4	*Washer, Flat
6	526-0115	2	*Washer, Flat (5/16")
7	800-0026	6	*Screw, Hex Head (5/16-18NC x 3/4")
8	155-4063	1	Pipe, Exhaust

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	154-2816	1	Gasket, Exhaust Manifold
10	503-1533-03	1	Hose, Preheat (3")
11	870-0557	2	Nut, Hex Flange (M8 X 1.25mm)
12	520-2215	2	Stud, Exhaust
* - Parts Included in Muffler Kit.			
12		1	Module, Secondary Air Injection
	A034L017	1	(LP)
	A041L448	1	(Gas)

\* – Parts Included in Muffler Kit.

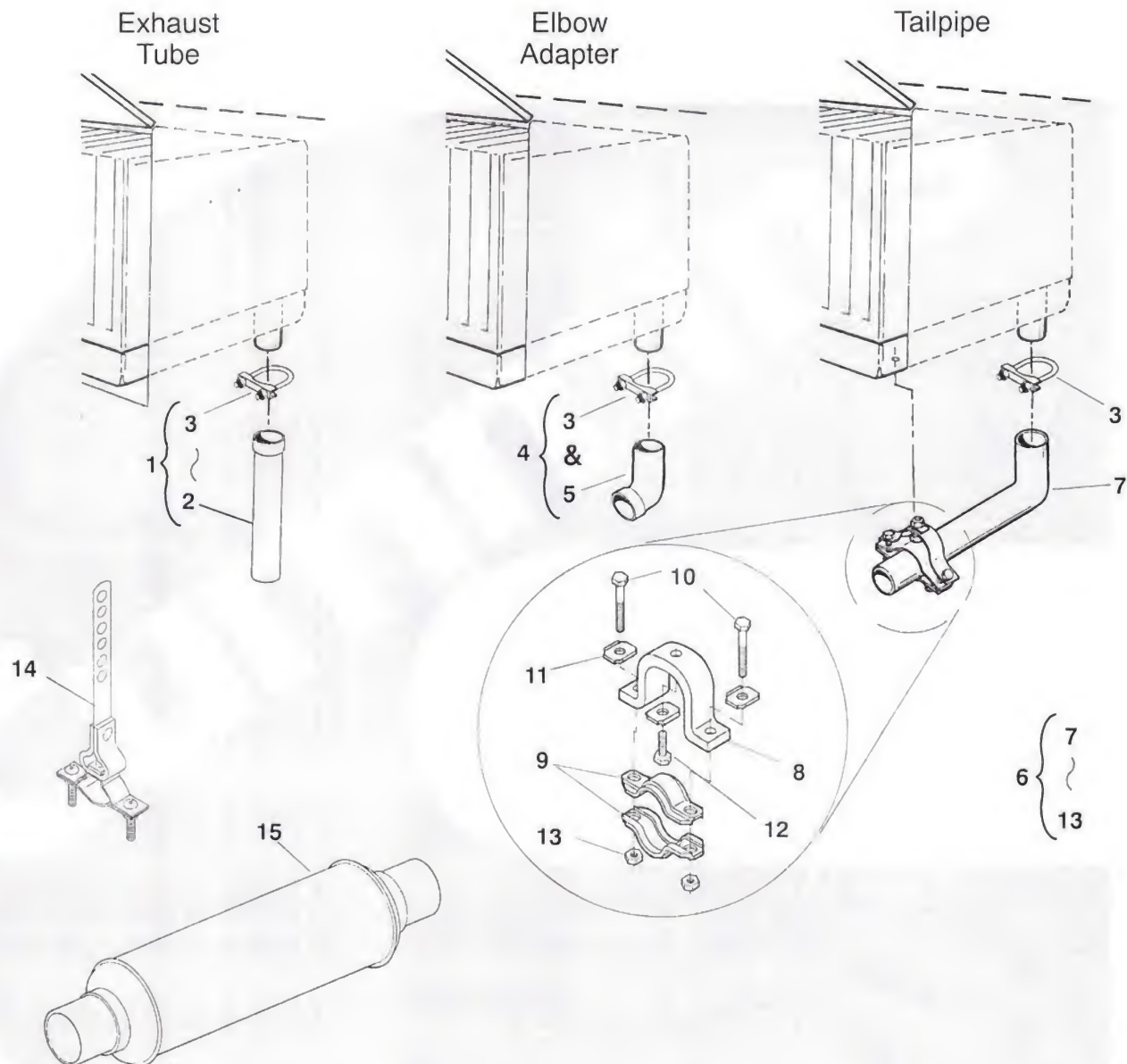
12	1	Module, Secondary Air Injection
A034L017	1	(LP)
A041L448	1	(Gas)

Exhaust/Secondary Air Module  
 KY (60Hz)  
 (4KYFA26100 Begin Spec P)  
 (4KYFA6747 Begin Spec P)  
 (3.6KYFA26120 Begin Spec P)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	A034L017	1	Secondary Air Assy	3	800-2031	4	Screw, Hex Head
	A041L445	1	(Gas)	4	A030J333	1	Insulation, Sound
1	A030J339	1	(LP)	5	A041G409	1	Orifice
2	A030J351	1	Valve				
			Cover, Access				

## KY Exhaust Kits



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2850	1	Kit, Exhaust Tube (Includes Adapter and Clamp)	7			Tube, Exhaust
2	155-2850	1	Adapter, Exhaust		155-2844-S0	1	* 540mm
3	155-1256	1	*~Clamp		155-2844-S1	1	~ 559mm
4	155-2847	1	Kit, Exhaust Elbow Adapter (Includes Exhaust Elbow and Clamp)	8	155-2860	1	*~Insulator, Exhaust
5	155-2847	1	Elbow, Exhaust	9	155-2861	2	*~Clamp, Exhaust
6			Kit, Exhaust Tailpipe	10	800-0031	2	*~Screw, Hex Head Cap 5/16-18 x 1.5
	155-2845	1	540mm Tube (Includes Parts Marked *)	11	155-2859	3	*~Backplate, Exhaust
	155-3263	1	559mm Tube (Includes Parts Marked ~)	12	800-0026	1	*~Screw-Hex Head Cap 5/16-18 x .75
				13	862-0015	2	*~Nut, Hex 5/16
				14	155-2174	1	Hanger, Exhaust 1.5" O.D.
				15	155-2449	1	Resonator, Exhaust